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Spring Garden Book
1915

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H. H. Berger & Company

New York

Greetings for Spring 1915

OUR MANY FRIENDS, who have favored us in the past, and those who we hope will give us *at least a trial*, are earnestly requested to read the following carefully. We again issue only a modest catalogue, without much gaudy color work, and too profuse illustrations. Color work is very costly, and the cost has to come out somewhere, either in much higher prices or cheaper goods. We apply the extra cost of color work to the purchase of superior seeds, bulbs, plants, in fact everything we carry we aim to have as good as it is possible to furnish. Our business motto is

A Square Deal to Everybody

and we believe we have carried this through the 38 years since this firm was first started in San Francisco by Mr. H. H. Berger. The proof of this lies in the fact that we have many customers today who first bought from our firm in the long years back.

SPECIAL NOTICE

You can write us freely on any subject pertaining to horticultural matters. We will gladly give the best advice. Correspondence in English, French, German and Italian.

Points Not to be Overlooked

HOW TO ORDER.—We would especially ask our friends that the following list of seeds, bulbs, and plants be ordered as early as possible, the stock being imported has to be ordered by ourselves long beforehand to allow for transit, etc., and after importation is exhausted, late orders cannot be filled same season.

Japan Iris Kaempferi.
Japan Herbaceous and Tree Paeonias.
All Japan Lily Bulbs.
Japan Flower and Vegetable Seeds.
Also novelties in flowers and vegetable seed from Europe.

You benefit yourself most by early orders, as you surely know, "First come first served."

In writing out order, kindly use the order sheet which accompanies every catalogue sent out. Write address clearly, giving county, as at times there being several cities of the same name, it creates confusion by not mentioning the county.

REMITTANCES.—Remittances are best made by Post Office Order, Express Order, or Bank Check. If cash is sent, it is best to register the letter. We accept clean postage stamps in payment for small orders.

DELIVERY.—**We deliver absolutely free** all seeds and bulbs listed in this catalogue, except where noted. We do not prepay on plants, fertilizers, insecticides. bamboo.

COMPLAINTS.—Any error or omission in execution of orders will be satisfactorily adjusted provided we are notified immediately on receipt of goods.

DISCOUNT.—5% Special Cash-discount on all Orders amounting to one dollar or over—where Cash accompanies Order.

C. O. D.—We do not send goods C. O. D. to unknown customers, unless one-fourth of purchase money accompanies the order.

CREDITS AND ACCOUNTS.—We send no goods to any, to us, unknown parties, but gladly open an account on receipt of satisfactory references.

GUARANTEE OF ARRIVAL.—We guarantee safe arrival if sent by express. Should any delay occur in transit by freight or express, or any of the goods be injured, kindly notify us at once and we will trace the goods and replace them without delay.

We shall be very glad to procure for our customers any seeds or other goods that seedsmen list which are not in our catalogue, and include them with your shipment. Such seeds or articles will be sent out in their original packages, and will be charged to you at exactly what they would cost you if purchased direct. *No extra charge for the accommodation.*

H. H. Berger & Company endeavor to send out only the very best quality of Seeds, Bulbs, and Plants, but cannot guarantee results or crops. If customers do not accept our goods on the above conditions, they can be returned to us within ten days if in original packages free of expense to us.

Special Notice for this Spring, 1915

Owing to complications arising out of the European war we cannot GUARANTEE the prices on some products listed. Amongst these we name GRASS and CLOVERSEEDS. Prices may also vary on PEAS AND BEANS. Some of the seeds which come from Europe we may be unable to secure. But we assure our friends that we make every possible endeavor to safeguard their interests and supply best goods at the most moderate prices.

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Laid out by.....; Checked by.....; Reply required by.....

Novelties for 1915

ARGEMONE PLATYCERAS

This is the **true** Argemone platyceras, not to be confused with the Argemone Mexicana grandiflora. This variety we offer is a magnificent plant, excelling all other Argemones by the largeness and beauty of its flowers, and the elegantly pinnated foliage which is of a **bluish** hue extremely attractive. The glorious snow white silky shining flowers remind one of the Romneya Coulteri, but are not as flat as these, standing out boldly from the foliage. The dark purple filaments with golden yellow anthers form a most brilliant and enchanting contrast to the white purity of the petals. **Sown Early** the Argemone Platycera blooms the first season beginning end of June and remaining in flower for a long time. A sandy soil is preferred and a **sunny** position suits it best. Ht. 3 feet and more. It is a perennial and only in very cold and exposed positions does it need winter protection. Cover with **dry** leaves or litter.

Trial pkt., 10 cts.; larger pkt., 25 cts.

IPOMOEA CARDINALIS

THE CARDINAL VINE

This brilliant showy vine cannot be described in words, but must be seen in all its fascinating grace and beauty to be fully appreciated. The illustration shows the shape of flowers and foliage, but it cannot make apparent the brilliant tints of either. The seeds sprout rapidly and the growth of vine is phenomenal, covering trellis or any other object with great rapidity. The leaves are laciniated, of a vivid green, and the flowers a **flaming** glowing scarlet. Moreover they cover the vine with such profusion that from a distance the effect is that of a burning bush. **No garden** should be without it. **Every** seed we offer will produce a vine. It is a great seeder, and, unless the seed is to be saved, the flowers should be cut off after fading, as this will tend to produce many more fresh blossoms. **Beautiful** for window boxes, trellises, or wherever a very **glowing** effect is desired.

Trial pkt., 10 cts.; pkt., 25 cts.

GREATEST SWEET PEA NOVELTY

MIRIAM BEAVER SEEDLINGS

These are one of the **newest Sweet Peas.** The colors vary from soft pinkish salmon to buff and primrose of a peculiar satiny glow. Under artificial light the tints are dreams of beauty. The individual flowers are **immense** with softly fluted edges, and average **four** flowers to the stalk. **Do not fail** to grow this new **Sweet Pea.**

Trial pkt., 10 cts.; pkt., 25 cts.; oz., 75 cts.

One **trial** packet of each of our six 1915 Novelties, **50 cts.**

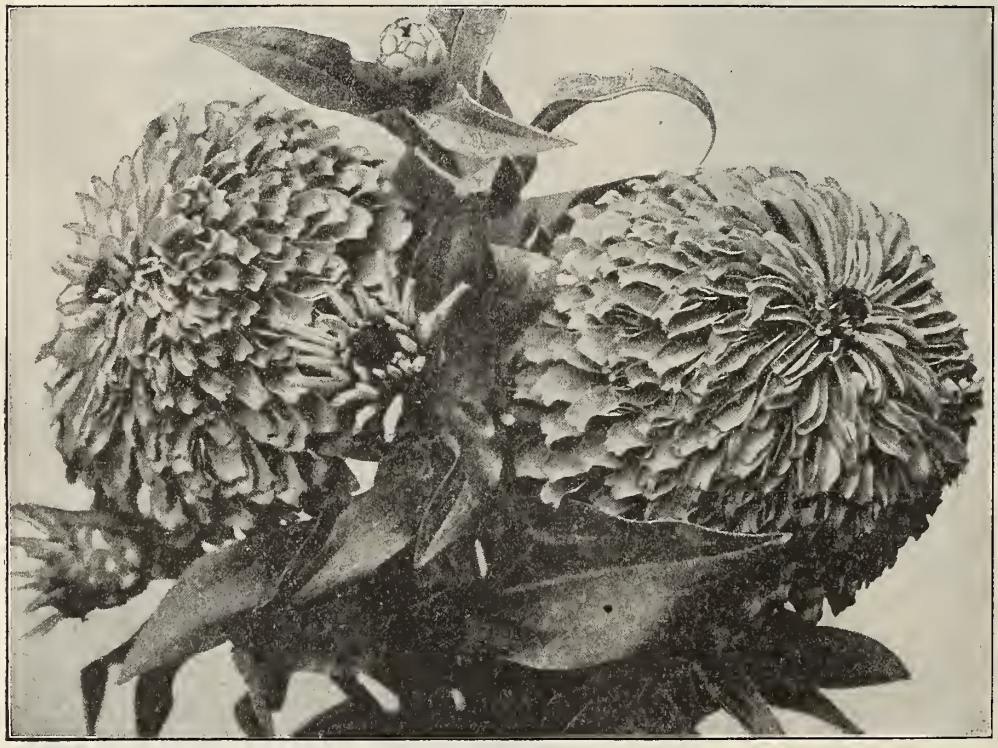
Six 25 cts., pkts., one of each Novelty, $1.25

Novelties for 1915 — *Continued*

MAURANDIA PURPUSI

Is a most charming perennial with tuberous roots. Native of the high mountains of Mexico it stands the winters with light protection. Sown in early spring it will flower the same season. It is hardy South of Washington. In cooler climates the roots are taken up in fall and stored like Dahlias, Cannas, or Begonias and replanted in spring. The plant is smothered in its bright carmine red to purplish flowers on slender short branches. The foliage is a tender green. The whole plant, which attains a height of 2 feet is highly ornamental and charming wherever planted. Loves sunshine and well drained soil.

Trial pkt., 10 cts.; pkt., 25 cts.



Double Zinnia Savoya

DOUBLE ZINNIA ELEGANS SAVOYA

Of tall and robust growth with nice full foliage, this plant bears large globular flowers whose single petals are turned upward forming little channels. The color is a striking mixture of yellow and red, the external petals beginning with a brilliant dark red, melting gradually to the centre into a golden yellow. This wonderfully fashionable color may well be designated as **salmon orange.** Height 2 feet. Lovers of the **Zinnia** cannot miss this Prince amongst the kind.

Trial pkt., 10 cts.; pkt., 25 cts.

RAINBOW CORN

A highly ornamental variety of Corn. The foliage is striped a showy cream, yellow and red, making a most **brilliant** effect on the lawn or in the border. As a centrepiece it is at its best. A group of these plants is a **true rainbow** of color shimmering in the sunlight.

Trial pkt., 10 cts.; pkt., 25 cts.

ANTIRRHINUM "HEATHEROSE"

A new variety of this favorite plant. The species belongs to the Nanum class. The plants are of a very branching habit and the flowers all commence to develop at the same time, thus making a particularly brilliant show. Color pure white with delicate rose lip. Very beautiful. **Pkt., 15 cts.; Trial pkt., 5 cts.**

Keep in mind that it is our sincerest endeavor to conduct a most careful supervision over every detail in preparing goods for shipment in order that your purchases shall reach destination as complete as though superintended by you in person.

Fresh from the Garden to your Table

Delicious Succulent Varieties of Vegetables

Group of Vegetables

GROWN FROM BERGER'S CHOICE SEEDS

ARTICHOKES *Artischoke Artichaux*

One ounce will produce 500 plants

Artichokes are a delicious vegetable that are gaining every season in popularity. The heads are boiled, eaten with drawn butter, the base and the lower ends of the scales being the edible part. A famous salad considered a great delicacy is prepared from the fleshy base of the head.

Culture. Artichokes need a deeply dug, well drained, rich, and light soil. Where heads are wanted the first season, sow the seed early in the house, keep seedlings growing vigorously, set out after danger of frosts is past. Set the plants 2 to 3 feet apart, cultivating through summer. Cut down the stems in fall, before heavy frosts begin, cover with dry litter or mulch over winter till March or April. Where the seed is sown out of doors in April, May the plants will flower the second season.

LARGE GLOBE or PARIS ARTICHOKE—Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.75.

JERUSALEM ARTICHOKE (*Helianthus Tuberosus*). This is propagated by **tubers** not by seed. The tubers when boiled and served with butter sauce are of fine flavor. **Qt., 25 cts., by mail, 40 cts.; pt., 15 cts., by mail, 25 cts.; pk., $1.25.**

ASPARAGUS *Spargel, Asperges Esparrago*

One ounce will sow row of 50 ft.

Where quick results are desired plant the **Mammoth** roots which will give stalks first season. Dig a trench 2 feet deep and 18 inches wide, fill with very old, well rotted manure, one foot. Place on this six inches of good garden soil, and lay the roots 18 inches apart, fill up, leaving the crown 4 inches below the surface. In placing the plants have good care that the fibrous roots are well disposed in all directions, thus providing all around feeders. Have each row 3 to 4 feet apart to allow of easy cultivation. Clear away stalks in late fall and give a topdressing of manure which must be forked under as soon as ground can be worked in spring, and beds carefully raked over.

Seed can be sown in rows 15 inches apart, and the seedlings thinned out to 4-inch space. The seedlings must be watered carefully throughout summer, and cultivated. One year old roots can then be obtained for next spring planting.

CONOVER'S COLOSSAL. A Mammoth green sort of the largest size and fine quality. A standard favorite. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.**

EARLY GIANT ARGENTEUIL. A most desirable variety. Earlier, more regular and more prolific than Colossal. **Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.**

ASPARAGUS ROOTS

These can be supplied from November first to May first.

CONOVER'S COLOSSAL, 2 years	Per 100	$1 00	1000	$ 8 00
PALMETTO, 2 years.....	Per 100	1 25	1000	10 00
ARGENTEUIL, 2 years	Per 100	1 50	1000	12 00

Purchaser pays transit

BEANS *Krup Bohnen Haricots verts*

One quart will plant 100 feet of drill

NOTE. Packets of all sorts of beans at "TEN CENTS, POSTPAID"

Where larger quantities are wanted add 8 cents per pint and 15 cents per quart, extra for postage.

Culture. Beans succeed best in a deep, rich, and friable soil. Never plant beans in cold and wet ground, they will only rot. Middle of May is about the right time, except in the South where beans are planted early in the year. Plant in rows 2 to 3 feet apart and drop the seed 4 to 5 inches apart in them, covering with 2½ inches depth of soil. Hill the soil slightly to insure best drainage. Beans should be picked when about four inches long to insure tenderness. Frequent pickings will prolong the bearing season. Do not jerk the vines violently when picking, as this tends to disturb the roots and injures growth. Do not pick after rain while the bushes are wet. It will cause blight or rust. Plant four successive crops every two weeks till August.

DWARF or BUSHBEANS Green Podded

EARLY BOUNTIFUL. Pods are stringless, flat, very tender, and are produced very early in the season, the bushes continuing bearing for a long time. It might justly be called a stringless, early, six weeks. **Pt., 20 cts.; quart, 35 cts.; 4 qts., $1.25; peck or 8 qts., $2.00.**

BLACK VALENTINE. Planted extensively in the South, owing to its heat resisting qualities. Pods round, very fleshy, slightly stringed. Immense yielder. Pick when young when they are delicious. **Pt., 20 cts.; qt., 35 cts.; 4 qts., $1.25; peck, $2.00.**

EXTRA EARLY RED VALENTINE. Bush grows very compact, 15 to 18 inches high, a most prolific yielder. Pods are round, four inches long, straight, very fleshy, with slight strings which come off easily when preparing for the table. The flavor is very fine. **Pt., 20 cts.; qt., 35 cts.; 4 qts., $1.25; peck, $2.00.**

STRINGLESS GREEN POD. This is undoubtedly one of the very best extra early beans, and one most to be recommended for the home garden. The pods are the finest in quality, round and straight, rich green color, broad and very fleshy, brittle and of delicious flavor. Entirely stringless. By repeated planting pickings can be made from spring until cut off by heavy frosts in autumn. A most valuable sort. **Pt., 25 cts.; qt., 40 cts.; 4 qts., $1.40; peck, $2.25.**

IMPROVED REFUGEE OR 1000 TO ONE. One of the latest beans. Pods are light green roundish, 5 inches long, tapering to a point. Very fleshy, brittle, mild flavor, slightly stringed. Good yielder. **Pt., 20 cts.; qt., 40 cts.; 4 qts., $1.50; peck, $2.25.**

PRINCESS WHITE SEEDED. One of the most desirable beans grown. A remarkably abundant cropper, pods of the tenderest quality, good, alike in very young or older state. Wet and cold weather does not affect its fine qualities. Give this sort a trial. **Pt., 25 cts.; qt., 45 cts.; 4 qts., $1.40; peck, $2.50.**

FORDHOOK FAVORITE BUSHBEAN. Is an improvement on even the favorite Stringless Green Pod. Bushes 18 to 20 inches high, very vigorous growers, and immense yielders. Pods are 5 to 6 inches long, so full and fleshy as to be almost perfectly round. They are absolutely stringless at any stage of growth, juicy, fibreless and delicious. The beans are white and can be used for dried beans in winter. **Pkt., 15 cts; pt., 30 cts.; qt., 50 cts.; 4 qts., $1.50; peck, $2.50.**

DWARF string or SHELL BEANS

For growing in Northern states where **lima** beans will not succeed. Fine for table use in summer and for dry beans during winter.

DWARF HORTICULTURAL. The very best of this class. Long pods splashed with crimson. Excellent for table when young and the **very best** baking bean for winter use. **Pt., 25 cts.; qt., 45 cts.; 4 qts., $1.50; pk., $2.50.**

IMPROVED GODDARD. A long flat podded sort. Fine as Snapbean in summer and as shell bean when fully grown. **Pt., 20 cts.; qt., 35 cts.; 4 qts., $1.25; pk., $2.00.**

WAXPODDED BUSH BEANS

All packets of these sorts 10 cts. postpaid. Where larger quantities are wanted add 8 cts. per pint and 15 cts. per qt. extra for postage.

Wax Beans

YELLOW or GOLDEN PODDED SORTS

PROLIFIC BLACK WAX. Perfectly round pods. Very early and a great yielder. One of the very **best** sorts. **Pt., 25 cts.; qt., 45 cts.; 4 qts., $1.50; pk., $2.25.**

NEW KIDNEY WAX. Plants are of erect bushy habit, attaining a height of 20 inches. Entirely **free from rust** and **blight.** The pods are flat, 6 to 7 inches long and very fleshy; the color is a rich citron yellow. **Immense** yielder. Very brittle, snappy and of delicious flavor. Unsurpassed in beans. **Pt., 30 cts.; qt., 45 cts.; 4 qts., $1.50; pk., $2.25.**

DAVIS' KIDNEY WAX. A very hardy and most prolific variety. Mid-season. Vines are vigorous, pods are lemon yellow, 6 to 7 inches long, straight, very crisp, and tender. Seed medium large, kidney shaped, clear white, and if allowed to ripen excellent for baking. **Pt., 30 cts.; qt., 45 cts.; 4 qts., $1.50; pk., $2.25.**

CURRIE'S RUSTPROOF GOLDEN WAX. A very vigorous rust-proof sort. Great favorite. Pods long, flat, and straight. Beautiful golden color. Suitable for early and late sowing. **Pt., 30 cts.; qt., 45 cts.; 4 qts., $1.50; pk., $2.25.**

BRITTLE WAX. Earliest of all **waxbeans.** Bushes are **extra** hardy and of immense productiveness. The pods are long, very fleshy, and absolutely stringless. Might well be called **the** most desirable of all Waxbeans. **Pt., 35 cts.; qt., 50 cts.; 4 qts., $1.75; pk., $2.75.**

PENCIL POD BLACK WAX. A great favorite for the Home Garden. Pods slender, round, of clear yellow color. Flesh brittle and of a very agreeable sweet flavor. Dry beans are black. **Pt., 30 cts.; qt., 45 cts.; 4 qts., $1.50; pk., $2.25.**

NEW HODSON WAX. A distinct type of superior quality. Plants are vigorous, coming to bear about two weeks later than the very early sorts. Pods measure 7 to 8 inches in length, are immune to rust and spot. Flesh tender, brittle, and sweetly flavored. **Pt., 25 cts.; qt., 45 cts.; 4 qts., $1.50; pk., $2.25.**

POLE or RUNNING BEANS

One quart will plant 100 hills

NOTE. All Packets contain ½ pint, postpaid, at 15 cts.

IMPROVED KENTUCKY WONDER (OLD HOMESTEAD). Pods are of a silvery green color hanging in great clusters from top to bottom of the poles. They are entirely stringless and considered **one** of the **best** Pole beans. **Pt., 30 cts.; qt., 45 cts.; 4 qts., $1.25; pk., $2.00.**

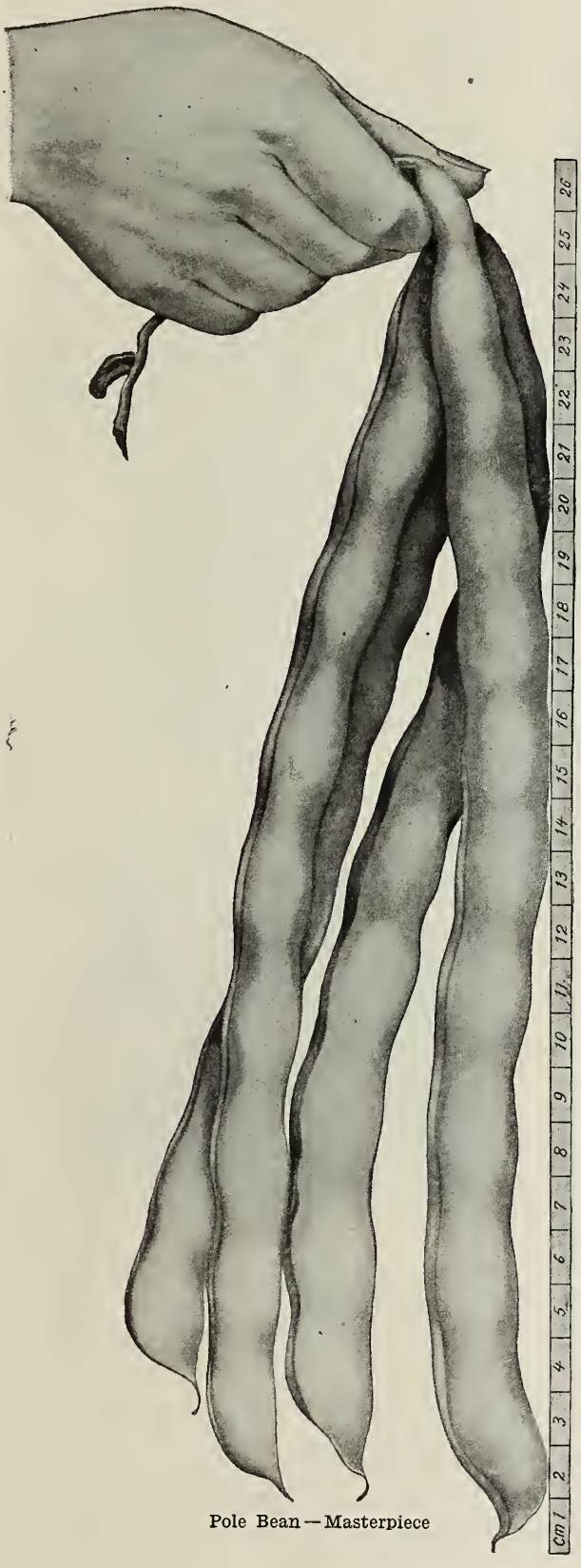
LAZY WIFE. The **best** late green podded Pole bean. Pods are of dark green color, thick, very fleshy and entirely stringless. A fine variety. **Pt., 25 cts.; qt., 40 cts.; 4 qts., $1.50; pk., $2.00.**

GOLDEN CLUSTER WAX. This is certain to be the leading early **Pole Waxbean.** It is fully two weeks earlier than the **Early Bush Wax** beans. Pods are long, bright yellow, very juicy, and tender. Dry beans white, nearly round. **Pt., 30 cts.; qt., 45 cts.; 4 qts., $1.50; pk., $2.50.**

SCARLET RUNNER. Old favorite sort both for ornament as well as for utility. Long tender green pods, very productive. **Pt., 30 cts.; qt., 45 cts.; 4 qts., $1.50; pk., $2.25.**

WHITESEEDED SEMI-TALL CLIMBING FRENCH BEAN

A **new** and most valuable bean. It can be grown on sprigs or branches commonly used for peas. This bean is entirely free from disease, very prolific, producing broad **stringless** pods, 6 to 7 inches long, flat, very brittle, and of finest flavor. Seeds are round, white, and can be used dry as an excellent baking bean. We would strongly recommend our friends to give this bean a **trial** for the **Home Garden.** **Pt., 40 cts.; qt., 65 cts.**



Pole Bean—Masterpiece

1912 NOVELTY POLE BEAN MASTERPIECE

Not enough can be said in praise of this new Bean. It unites the three **best** points: (1) Long thick fleshy pods. (2) Enormous bearing quality. (3) Entire freedom from **strings.** The growth is extraordinarily vigorous. Pods appear in large clusters each pod containing from nine to ten beans. We can faithfully describe it as being **unsurpassed** by any other variety of **Pole Bean. ½ pt., 25 cts.; pkt., 10 cts.**

We have hundreds of letters from customers which space forbids to cite.

Mr. Frank E. Doyle, Mattapan, Mass., writes us:

> **I have tried the Masterpiece Bean which you sent me last spring. I find them healthy, prolific, deliciously tender, taking less time to cook than beans of Bush varieties. I shall grow them largely next year.**

LIMA BEANS

One quart will plant 100 hills

Culture. Do not plant until the least danger of frost is over, and **warm** settled weather is on. Plant five to six seeds in nice warm loam in hills 3 to 4 feet apart each way, placing the beans edgewise with the eye downward, covering the seed 2 inches deep. The Lima Pole varieties require poles 7 feet high. Pinching back when vines have reached the top as this will increase bearing capacity. Where **very early** crop is desired, plant the seeds in boxes in the house, setting the young plants outdoors when danger of frost is over.

Surplus stock of beans can be dried for winter use.

Lima Beans very scarce. Prices **may rise.**

POLE LIMA BEANS

EARLY LEVIATHAN. This is the **very earliest** of the Pole Limas. Very strong grower, clinging closely to the poles and yields enormously throughout the season. Pods are long and straight, each pod containing from four to five large beans. **Pkt., 10 cts.; pt., 35 cts.; qt., 50 cts.; 4 qts., $1.75; pk., $2.50.**

LARGE WHITE LIMA. This is a favorite Standard sort. Large greenish white beans of very delicious and mellow flavor when used green. Very superior as dried bean for winter. **Pkt., 10 cts.; pt., 30 cts.; qt., 50 cts.; 4 qts., $1.50; pk., $2.15.**

KING OF THE GARDEN. Vigorous grower. Pods contain five to six large fleshy beans. Very easily shelled. **Pkt., 10 cts.; pt., 30 cts.; qt., 50 cts.; 4 qts., $1.75; pk., $2.50.**

GIANT PODDED LIMA. The **largest podded,** largest seeded, and most desirable of all **Pole Lima Beans.** Beans melt in the mouth. Very prolific. **Pkt., 15 cts.; pt., 35 cts.; qt., 60 cts.; 4 qts., $2.00.**

DWARF or BUSH LIMA BEANS

One quart will plant 100 feet of drill

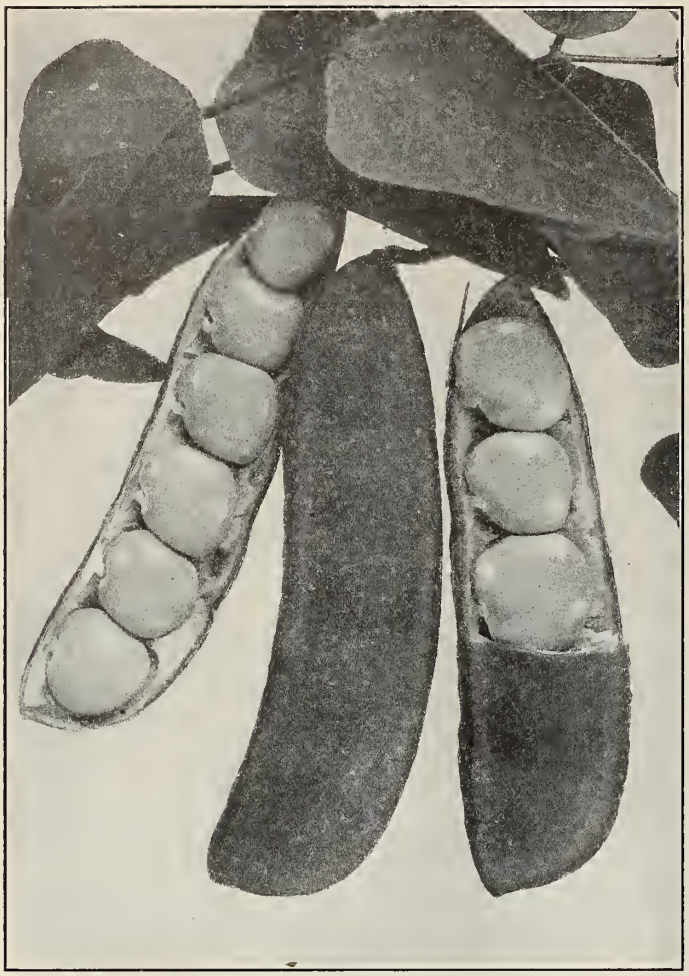
Culture. Plant in light **warm** soil in rows 2 feet apart. Drop seeds 1 foot apart in the row and cover 2 inches.

NEW IMPROVED BUSH LIMA. Very vigorous growth, plants stand uniformly upright. **Extra** large pods filled with very fleshy, juicy beans. The blossom-bearing stalks are thrown well out from the foliage and pods appear in clusters from five to eight. Beans are thin skinned and easily shelled. **Pkt., 15 cts.; pt., 35 cts.; qt., 60 cts.; 4 qts., $2.00.**

FORDHOOK BUSH LIMA. The **only** stiffly erect Bush Lima. Both pods and beans are twice the size of Kumerle or Dreer's Bush Lima. Leaves large, smooth, and dark green. Pots are borne in clusters of five to eight. Each pod contains four to five enormous luscious beans. **Pkt., 15 cts.; pt., 35 cts.; qt., 60 cts.; 4 qts., $2.00.**

IMPROVED HENDERSON'S BUSH LIMA. Early and very productive. **Pkt., 10 cts.; pt., 30 cts.; qt., 45 cts.; 4 qts., $1.50; pk., $2.25.**

Japanese Beans, see page 24.



Fordhook Lima Bean

BEETS *Betteranes Ranneu*

FOR TABLE USE

One ounce will sow 100 feet of drill; 5 to 6 lbs. to the acre

Culture. Beets like a rich, deep, sandy loam. Sow as soon as the ground is free from frost and dry, in drills 1 foot apart and 1 inch deep. When a few inches high thin out to 5 or 6 inches apart, leaving the strongest seedlings stand. For late crop plant up to end of July.

EARLY MODEL RED GLOBE. Very early, of perfect globe shape and finest quality. Extremely desirable for the home garden. Skin is smooth, flesh very sweet, solid and a bright red. **Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.50.**

CROSBY'S EARLY EGYPTIAN. One of the best extra early varieties. Ideal for growing in cold frame or greenhouse. Symmetrical, with small taproot. Flesh bright vermilion red, finely grained and unsurpassed in quality. **Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $1.50.**

CRIMSON GLOBE. Handsome variety of medium size. Form round, regular, skin smooth, never stringy; tender and sweet. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.50.**

BASSANO. Early flat variety. Flesh ringed white and rose. Sweet, juicy, and delicate. Sown late, they can be kept very well for winter use. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.50.**

EARLY ECLIPSE. Of astonishing rapid growth. Tops small, which admits of close planting. Crisp and sweet. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.**

DETROIT DARK TURNIP. Highly recommended for either early or late sowing. A splendid keeper. Flesh exceedingly tender, fine grained and sweet. Has small, upright growing tops. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.50.**

BEETS—Continued

IMPROVED BLOOD TURNIP. Very regular in shape, dark color and of highest quality. An excellent keeper. **Pkt., 5 cts.; oz., 20 cts; ¼ lb., 50 cts.; lb., $1.40.**

LONG SMOOTH BLOODRED. A very popular table beet for winter and autumn use. Has long, tapering roots growing even with the surface. Color bright red, flesh juicy, sweetly flavored. Very desirable. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.**

SPINACH BEET

or SWISS CHARD

One ounce will sow about 100 ft. of drill

This most valuable vegetable should surely find a place in your **home garden** if you have as yet overlooked it. Not only can the thick fleshy midribs be boiled and used at table the same as asparagus but the **greens** or leaves can be cooked the same as spinach and are delicious so prepared. **Sow** only the **superior** grades of this new vegetable. **Coarse** rank growths will not please you. We list two of the **most** delicious sorts.

Culture. Sow about April in a rich deep soil in rows 1 foot apart and thin out to 6 to 8 inches in the row. During dry weather a **liberal** supply of water must be given. An occasional dressing with weak liquid manure is most desirable. Leaves should be picked young.

SILVER LYONS SWISS CHARD. Finest white ribbed Swiss Chard. Stems measure 2 to 3 inches across. Very tender and juicy. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.50.**

GIANT LUCULLUS. Plants grow to a height of 2 to 2½ feet. Stalks are thick and broad like those of rhubarb, heavily ribbed 1½ inches broad, and 12 inches long **below** the leaf. These ribs or stalks when cooked like asparagus are **delicious** and tender. The leafy portion of this vegetable is cooked the same as spinach. The leaves of this **new** variety are especially tender and succulent, crimpled and curled like **Savoy Cabbage,** but much more delicate in taste than this. **Do not fail** to give this new vegetable a trial. You can have **two** distinct vegetables on your table from the same plant. **Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $1.75.**

Kale

BORECOLE *Krauskohl Chou vert frisé*

or KALE

One ounce of seeds produces about 3,000 plants

Highly esteemed for winter greens. They are extremely hardy and are much improved by **frosts.**

Culture. For fall use sow early in May in prepared beds; transplant in June, treating the plants same as Cabbage.

DWARF GREEN CURLED. Leaves bright green, closely curled. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.**

WINTER OR GERMAN GREENS (Sprouts). Sow end of August and treat same as spinach. Excellent as Spring Greens. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.**

Beets, Crosby's Early Egyptian

BEET

CROSBY'S EARLY EGYPTIAN

See page 4

BROCCOLI *Spargelkohl Broccoli*

Culture. Sow the first week in May, in drills 3 to 4 inches apart, covering the seeds lightly. When the leaves are about 3 inches broad, transplant to prepared beds, 2 feet apart each way.

EARLY WHITE CAPE. A hardy and vigorous variety; heads large and firm. **Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.**

EARLY PURPLE CAPE. **Pkt., 5 cts.; oz., 25 cts., ¼ lb., 75 cts.**

BRUSSELS SPROUTS *Rosen Kohl Chou de Bruxelles*

One ounce produces about 2,500 plants

Culture. The seed must be planted under glass or in the house, transplanting the seedlings in the open during May. Cultivation same as Cauliflower or Cabbage.

LONG ISLAND IMPROVED. A very fine variety. Vigorous growth producing a quantity of solid round sprouts of best quality. **Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.00.**

PERFECTION. A superior new strain of the most excellent quality. Stalks thickly covered with the most delicate firm round heads. This sprouts surpasses in delicacy of flavor all other sorts. **Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.**

Brussels Sprouts

CABBAGE *Kohl Chou*

One ounce will produce about 2,000 plants

Culture. Start your early crop in hotbed in middle of February. Cover seed about one half inch. Transplant to cold frames soon as plants are large enough, 3 to 4 inches each way. Remove glass part of each day to harden plants and plant out in open about middle of April. For general crop sow in open ground late May in hills 3 feet apart. Insects are quite troublesome to plants grown in the open ground. Therefore, after sowing sprinkle a small quantity of tobacco dust over the seed and keep the young plants free from bugs. (See Insecticides page in back of Catalog.)

Seed can also be started in the house in boxes during February where hotbeds are not available. Treat as described above. Cabbage requires good, rich soil and thorough cultivation.

FIRST AND BEST. A selected strain, maturing **extra** early. Heads form conically with a rounded point. Leaves close and compact, remarkably sweet and tender in flavor. **Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.**

EARLY JERSEY WAKEFIELD. One of the best and favorably known for early crop. Heads are uniform in size, conical, very solid. It is the favorite all around Cabbage for amateurs and for the home garden. **Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 75 cts.**

EARLY SPRING. A flat heading sort and one of the earliest. Heads are solid and shapely even when small and have few outside leaves. **Pkt., 5 cts.; oz. 25 cts.; ¼ lb., 75 cts.**

ALL SEASONS. A very superior sure heading long keeping sort, unsurpassed by any other. The heads are large, nearly round, somewhat flattened, very solid, of best quality all around. Good as name indicated for **All Seasons.** **Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.**

DANISH BALLHEAD. This winter variety is especially desirable on account of its great solidity and keeping qualities. The heads are crisp, tender and sweet and it is the sort that is unsurpassed for boiling, for slaw, sauerkraut, etc. It grows well on all soils and under most conditions, withstanding hot, dry weather, and does **not rot** in wet seasons. **Pkt., 10 cts.; oz., 40 cts.; ¼ lb. $1.25.**

SUCCESSION. In every respect a model variety. It may be planted at all seasons, but will give the best results when used as second early or intermediate sort. A sure bearer of medium size and finest quality. **Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.**

CABBAGE—Continued

EARLY WINNINGSTADT. A distinct early sort and one of the best for general cultivation. Being very hardy, it is less subject to wet or drouth, insects or disease. The heads are of uniform size, conical in shape and very solid. It is valuable for early use on account of its solidity, and short, thick leaves, it makes also a most satisfactory winter cabbage. **Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.**

SAVOY or CURLY CABBAGE

If you believe that this Cabbage is coarse in flavor and texture, it is that you have never tried this delicious sort. Savoy Cabbage is without doubt the one sort for the amateur to grow as it is adapted to grow at any time, fall, summer, or winter. It is unsurpassed in delicacy of flavor. The best sort for our climates to grow is

SAVOY GLOBE CURLED. Leaves are wrinkled dark green, improved by frosts. Excellent and a **sure** header. Culture same as other cabbages. **Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.**

PERFECTION DRUMHEAD SAVOY. A beautifully crimped leaved sort, color a deep glossy green on outside shading to golden yellow to the heart. Sweet, tender, and toothsome. **Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.** Savoy or Curly Cabbage is prepared same as the other Cabbage. Try it, you will never be without it.

raw like celery. The midribs may be cooked like asparagus. The leaves are used for all above described.

It is a dish fit for a king.

Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.

Sow the seed in early spring in rows 15 inches apart; when the seedlings are strong enough, thin out the young plants to 6 inches apart in the row. Keep free from weeds.

RED CABBAGE

LARGE RED DRUMHEAD. A very good variety. The heads are round, solid dark red color, very sweet flavor and excellent for cooking and pickling. **Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.**

MAMMOTH ROCK RED. Heads large, round, and solid. Average weight from 8 to 10 lbs. each. **Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.**

CABBAGE PLANTS

EARLY JERSEY WAKEFIELD. Ready April and May. **Per dozen, 20 cts.; 100, $1.00; 1000, $7.00.** (**Delivery** not included in price).

SAVOY, DANISH BALLHEAD. All seasons; ready June and July, for winter crops. **Per 100, 75 cts.; 1000, $5.00.** (**Delivery** not included).

Korean and Chinese Cabbage, see page 23.

A Cabbage de Luxe

Savoy Curly Cabbage

THE NEW CELERY CABBAGE

The accompanying picture taken from a photo from nature shows this new delicious vegetable, which combines the rich celery flavor with that of the cabbage.

THE BEST THING OUT

No other cabbage compares with this for **cold slaw.** Makes as good salad as the finest head lettuce. Excellent when boiled with meat or for vegetable soup. Good in oyster stews, better than the oysters. Eaten

Cabbage — Jersey Wakefield

Carrot Early Half Long Scarlet Nantes

CARROTS *Carotte Moehren*

One Ounce will sow about 100 feet of drill

Culture. Carrots to grow to perfection require a rich, deep soil, preferably sandy loam, well pulverized and thoroughly cultivated. For earliest crop sow in May and June in drills about 1 foot apart, thinning out to 4 inches in the row. Sow the main crop during June and July.

IMPROVED DANVERS. An excellent carrot for all soils. Roots smooth and handsome. Flesh of a rich dark orange color, sweet and delicate. Entirely free from core. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 75 cts.**

CHANTENAY. An ideal medium early stump rooted Carrot, smooth and uniform in shape, averaging 5 inches in length, with thick heavy shoulders, rather large tops, color a deep orange. It is an excellent variety for both early and late sowing, of excellent quality. Ideal for the home garden. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 65 cts.**

GUERANDE or OXHEART. Roots are broad at the top, terminating abruptly in a small taproot. On account of this shape they are very easy to dig up. Flesh is a bright orange finely grained and very sweet. Grows especially well in soils which are too hard for the longer growing sorts. Length 5 to 6 inches, 3 to 4 inches in diameter. Most desirable for home use. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 65 cts.**

PARISIAN FORCING. Extremely early, of small size, very sweet and a beautiful reddish orange color. Known as "French carrot." **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 65 cts.**

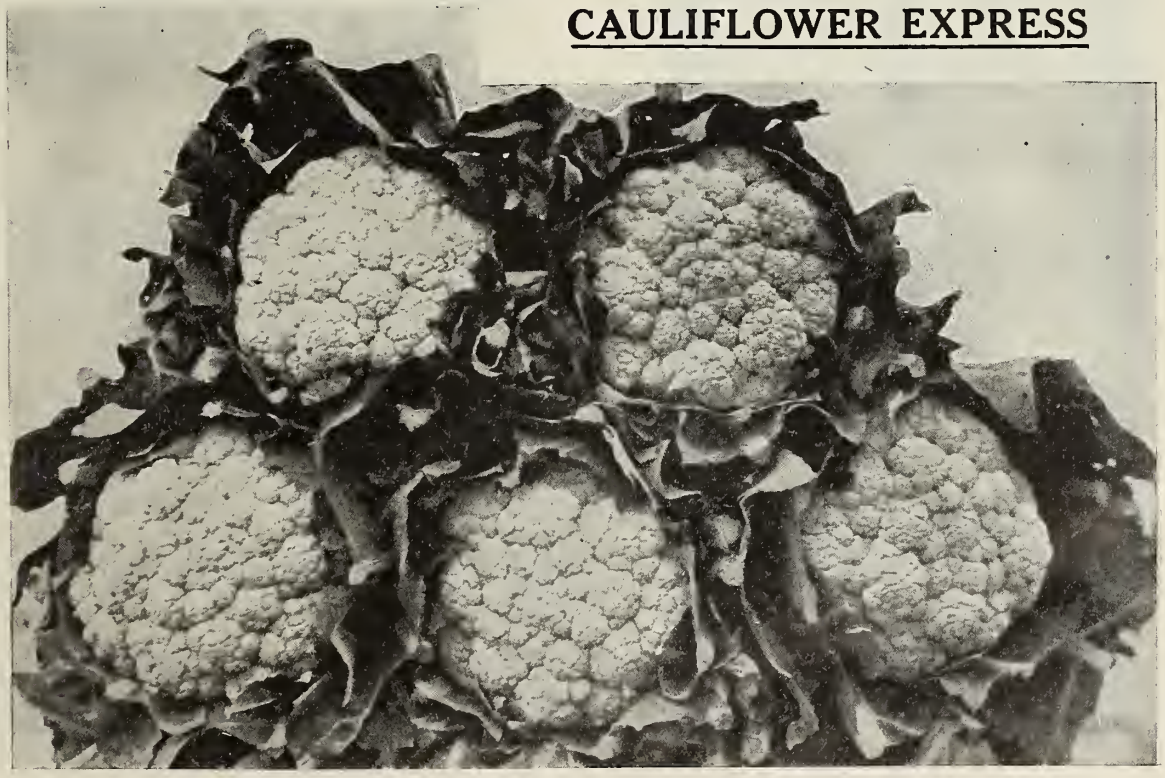
EARLY SCARLET HORN. One of the most popular varieties grown, color deep orange, of a most agreeable flavor, tops small, root short and stumpy. Grows well in shallow soil, one of the very best for early outdoor planting stock. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.**

EARLY HALF LONG SCARLET NANTES. This sort can hardly be surpassed for its many good qualities. The skin is smooth, flesh red, of the finest quality, shape perfect in symmetry. It is excellent for forcing and for early planting. **Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 65 cts.**

LARGE ORANGE IMPROVED. A favorite sort. Very productive. Late maturing sort. A good winter keeper with sweet tender flesh. Good for the table as well as for feeding stock. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.**

DANVERS HALF LONG. A delicious sort. Unexcelled for home garden. **Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.**

CAULIFLOWER EXPRESS



CAULIFLOWER *Blumenkohl Choufleur*

One ounce will produce about 2,000 plants

Culture. Good rich soil is a necessity to succeed with Cauliflowers. They do best during cool, moist seasons. Culture is the same as for cabbage. Water liberally in dry spells. When the heads begin to form it is best to tie the leaves over the young heads to prevent their bleaching from sun and rain.

DANISH DRY WEATHER. Especially adapted for sections subject to long dry seasons, as it will grow well and procure fine heads in spite of lack of moisture which is required by other sorts. The heads grow to a large size, are very solid, pure white and of the most delicious flavor. **Pkt., 20 cts.; ¼ oz., 75 cts.; oz., $2.00.**

EARLY SNOWBALL. Its dwarf habit and short outside leaves allow close planting. An extremely early sort, with magnificent white heads of the most superior quality. **Pkt., 15 cts.; ¼ oz., 75 cts.; oz., $2.25.**

EARLY DWARF ERFURT. Extra choice strain. Very dwarf heads. Creamy white, tender and toothsome. **Pkt., 15 cts.; ½ oz., $1.00.**

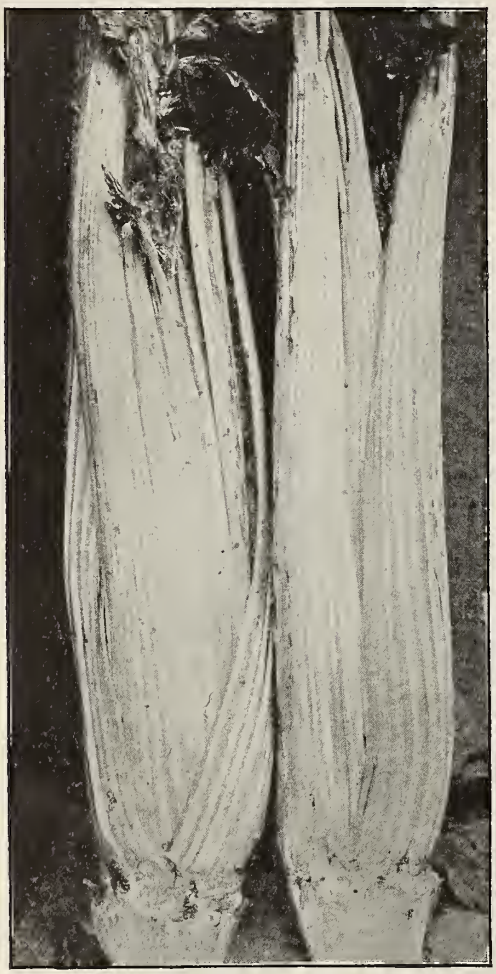
VEITCH AUTUMN GIANT. A most desirable variety for late use and especially adapted for planting in the Southern States. **Pkt., 5 cts.; oz., 40 cts.**

EXPRESS. Distinct, very early, comes quickly to maturity, producing close white head, globular, firm, delicious flavor. **Pkt., 25 cts.; trial pkt., 10 cts.**

CAULIFLOWER PLANTS

Delivery May to July.

EARLY SNOWBALL or EARLY DWARF ERFURT. Doz., 25 cts.; 100, $1.50; 1000, $12.00. Delivery not included in price. (**Order** early.)



Golden Self-blanching Celery

Celeriac

CELERIAC

or STUMP ROOTED CELERY

Grown for its **Roots** for delicious salads, soup, stews. Sow the seed same as celery, transplant into rows 2 feet apart, 6 to 8 inches in the row. No earthing is required for this celery, as it is the Roots which are the edible portion of the vegetable. *A delicious way to prepare these roots:* Do not peel, but wash very clean with a stiff vegetable brush. Boil until tender. Take out of water, peel while hot and dress with oil, vinegar, salt, and pepper for salad. When cool this is one of the most delicious salads known.

LARGE SMOOTH PRAGUE. Very large and fine. **Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.**

CELERY SEED for flavoring. **Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.**

CELERY *Celerie Selleri*

One ounce will produce about 4,000 plants

Culture. Sow in open border as soon in spring as the ground can be worked. Transplant 4 inches apart when the plants are 4 to 5 inches high, into temporary beds of soft rich soil, where they will soon acquire sufficient strength for planting out in permanent beds. Plant in rows 3 feet apart and set 6 inches apart in the rows. About the middle of August earthing up is necessary for blanching and whitening those wanted for early use.

GOLDEN SELF BLANCHING. A splendid celery for **home use.** It forms a solid stalk, tender and crisp, of a delicate creamy yellow color, the flavor is rich, delicate and nutty. This is the **earliest** variety grown. **Pkt., 10 cts.; ¼ oz., 40 cts.; ½ oz., 65 cts.; oz., $1.00.**

WHITE PLUME CELERY. A valuable sort for **early** use. Easily grown by amateurs as its stalks are naturally a pure white. By tying up the stalks and drawing up the soil with the hoe, the work of blanch-

CELERY—Continued

ing is complete. The flavor is delicate, very crisp. **Pkt., 10 cts.; ¼ oz., 15 cts.; oz., 25 cts.**

PINK PLUME CELERY. Stems very solid and crisp. Early and a long keeper. Requires only slight earthing up. **Pkt., 10 cts.; ¼ oz., 25 cts.; oz., 75 cts.**

PERFECTION HEARTWELL. Most excellent sort of tall growth with a golden yellow heart. Delicious flavor. **Pkt., 5 ct.; oz., 20 cts.; ¼ lb., 60 cts.**

GIANT PASCAL. A fine late keeping variety. Stalks are thick, brittle, of a superb flavor. **Pkt. 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.**

CELERY PLANTS

Transplanted. Delivery June and July.

Boston Market, Golden Self Blanching, White Plume, Giant Pascal. Per doz., 20 cts.; 100, $1.00; 1000, $7.50. (Delivery not included in price.)

CHERVIL *Cerfeuil (Gartenkerbel)*

The young leaves are used for seasoning soups and salads. **Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.**

CHIVES *Schnittlauch*

A very delicious seasoning is given to soups and vegetables by using the tops, the flavor being that of **very** delicate, mild onions. **Pkt., 20 cts.; oz., 75 cts.**

CHICORY

WITLOOF, or FRENCH ENDIVE

Used in quantities in France and Belgium where, according to medical reports it is considered a sovereign remedy and preventive for kidney trouble. Fine as a winter salad, and it is most delicious served with French dressing and eaten like Cos lettuce. Boiled and dressed with butter or with butter sauce, it is one of the most delicious vegetables known.

Culture. The seed should be sown in the open ground not later than June, in drills 12 to 18 inches apart, thinning out the plants so that they will not stand closer than 3 inches. The plant forms long, parsnip-shaped roots, which should be lifted in the fall, cutting off the leaves about 1½ inches from the neck and shortening the roots by cutting off the bottoms to within 8 inches of the neck. The roots should then be planted in a trench 16 to 18 inches deep in a dark, warm cellar or under a greenhouse bench, and placed upright about 1½ to 2 inches apart, which will allow the neck of the root to come within 9 inches of the level of the trench. The trench should be filled with a light soil, and if a quicker growth is desired, this can be accomplished by a mulch of fresh manure about 2 feet deep. It requires about one month to force the roots, and the heads are cut off with a small portion of the neck of the root attached. **Pkt., 10 cts., oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.**

COMMON, or WILD (Barbe de Capucín). This is the variety from which is obtained the French salad, Barbe de Capucín. The roots should be transplanted into sand in a warm cellar. **Pkt., 10 cts.; oz., 20 cts., ¼ lb., 60 cts., lb., $2.00.**

LARGE ROOTED MAGDEBURG. Cultivated for the roots. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.50.**

For French Chicory, or Endive, see page 11.

CORN SALAD *Stecksalad Mâche*

or LAMB'S LETTUCE

One ounce will sow a row of 150 feet

Grows very rapidly and is entirely hardy. Furnishes an excellent substitute for lettuce during winter. Makes a **delicious** salad. Decorated and eaten, with hard boiled eggs, sliced, it is a treat.

Culture. Sow the seed late August to early September, till late October for succession. Sow thinly in drills a foot apart and cultivate till frosts set in. Protect the plants with a light mulch when ground freezes.

LARGE ROUND LEAVED. Large seeded variety, the most popular sort. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 35 cts.; lb., $1.00.**

CRESS *Cresson Kresse*

or PEPPER GRASS

One ounce will sow sixteen square feet

Culture. Sow early in the spring, quite thickly in shallow drills. Sow every ten days as it soon turns to seeding. This can be sown in shallow boxes in winter in the house placed in a warm sunny window.

EXTRA CURLED. Fine for garnishing. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.**

UPLAND CRESS. Hardy perennial. Ready for use a week ahead of any other kind. The spicy, tender leaves form a delicate spring salad and are unique **for savory sandwiches. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.50.**

WATERCRESS

This delightful wholesome salad and garnishing plant may be grown to perfection in any **moist** and rich soil whether naturally or artificially kept wet.

Culture. Sow the seed in rows a foot apart, and thin out to 7 inches apart in the rows. Keep the soil moist and well cultivated. From time to time pick the strongest plants for use. **Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.25.**

CORN, SWEET

or SUGAR

½ Pints are postpaid. Add 5 cts. per pint, and 10 cts. per quart, if wanted by mail.

Culture. Use deep, rich soil. Plant for succession of crop every three weeks when the ground becomes warm and mellow, usually early in May. Plant in hills 3 feet apart each way. Six seeds to each hill. Cover half an inch when you thin out to 3 plants.

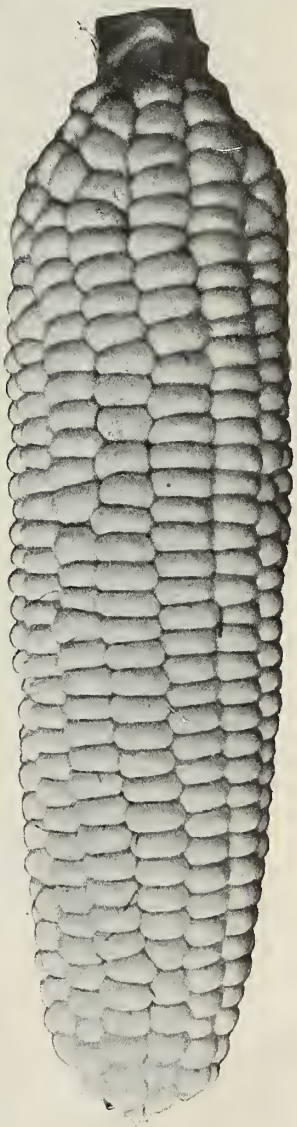
EARLY VARIETIES

ARISTOCRAT. A typical New England corn having originated in the vicinity of Newport, and is supplied to the summer cottagers at that point. It is extra early and extremely sweet and luscious. **20 cts. per pt.; per qt., 35 cts.; $1.10 for 4 qts.; pk., $1.75.**

EARLY MAMMOTH. The ears and fodder both attain gigantic proportions. The former besides being large, is handsome in appearance and exceedingly sweet. Mature just after the extra early types. **15 cts. per pt.; per qt., 25 cts.; 90 cts. for 4 qts.; per pk., $1.40.**

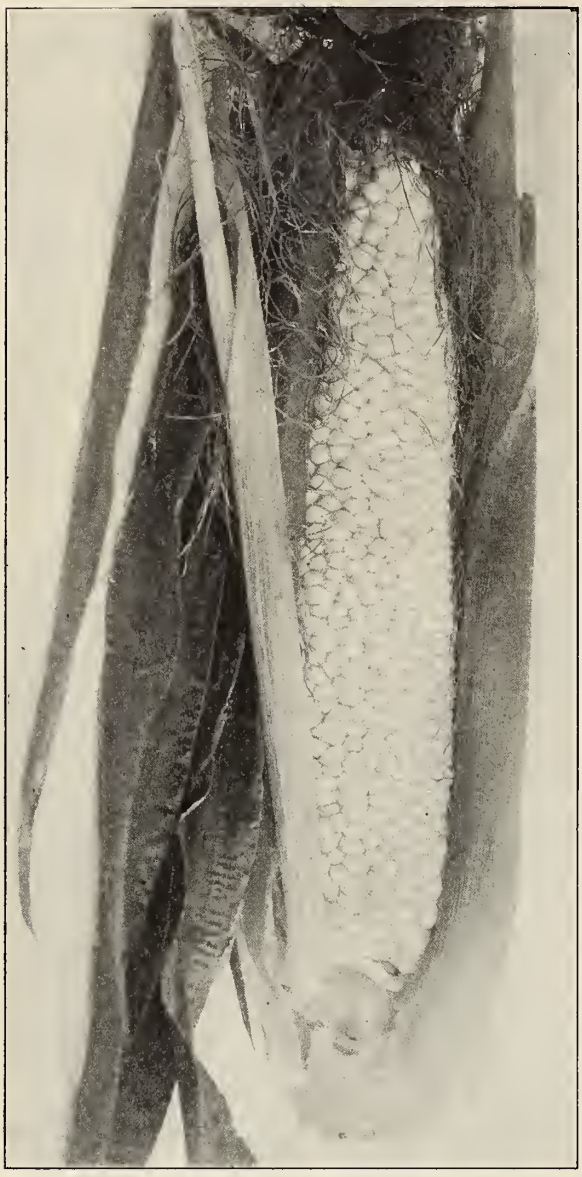
FIRST OF ALL. It matures from three days to a week earlier than the Cory. The small ears are well filled with quite large grains, frequently having from ten to twelve rows. The plant is so dwarf that we recommend sowing seed thinly in drills. **Pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; ½ pkt., 80 cts.; pk. $1.50.**

IDEAL. The grower of this variety has been carefully selecting it for the past fifteen years. Exceedingly early and large yielder. It is not quite as sweet as some other varieties, it is though, nevertheless, well flavored and its extra early feature outweighs all other points against it. It comes in sooner than other white-kernel varieties. **15 cts. per pt.; per qt., 30 cts.; $1.00 for 4 qts.; per pk., $1.75.**



Crosby's Early Sugar

MALAKOFF. The earliest sweet corn—compared to Early Cory, it is fully a week in advance. Planted May 22, ears are ready by July 4. The kernels vary from white to pale amber. The stalks grow 3 feet high and usually bear two or more small ears; very sweet. **Pkt., 10 cts.; pt., 20 cts.; qt., 35 cts., ½ pk., $1.25; pk., $2.**



Corn, Country Gentleman

EARLY VARIETIES OF CORN

CONTINUED

½ pints are postpaid. Add 5 cts. per pint, and 10 cts. per quart, if wanted by mail.

GOLDEN BANTAM. One of the sweetest and hardiest corns grown, can be planted at least a week earlier. It is a rapid grower and when cooked is delicious. Of the richest, sweetest flavor. **Pkt., 10 cts.; pt., 20 cts.; qt., 35 cts.; pk., $2.00.**

MAMMOTH WHITE CORY. Succeeds well where the seasons are short. Extra large with pure white kernels. Very sweet. **Pkt., 10 cts.; pt., 15 cts.; qt., 30 cts.; pk. $1.75.**

PEEP OF DAY. Very early and immensely productive. Small stalks, medium size ear, with a pure, pearly white kernel. Tender and juicy. **Pkt., 10 cts.; pt., 20 cts.; qt., 35 cts.; pk., $2.00.**

METROPOLITAN. A fine vigorous growing sort. Large handsome ears of a most excellent quality. **Pkt., 10 cts.; pt., 20 cts.; qt., 35 cts.; pk., $1.75.**

CORN—Continued

½ pints are postpaid. Add 5 cts. to pint, and 10 cts. to quart, if wanted by mail.

HOWLING MOB. Ready for use three to five days later than the extra early Cory's both being planted at the same time, but the ears are much larger in size, the kernels whiter and sweeter. **Pkt., 10 cts.; pt., 25 cts.; qt., 45 cts.; 4 qt., $1.25.**

MEDIUM EARLY VARIETIES

POTTER'S EXCELSIOR (Squantum). One of the choicest flavored medium early white corns. The ears are of good size, well filled to the tip, with long slender pure white kernels. **Pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; pk., $1.75.**

STOWELL'S EVERGREEN. Popular sort. One of the best known and widely grown. Ears large with deep kernels of a rich, sugary flavor. Valued for its keeping qualities. **Pkt., 10 cts.; pt., 15 cts.; qt., 30 cts.; pk., $1.50.**

EARLY SUGAR (Crosby's). A fine standard sort. Kernels very closely set, sweet and deliciously flavored. Excellent for canning. **Pkt., 10 cts.; pt., 15 cts.; qt., 30 cts.; pk., $1.75.**

EARLY CHAMPION. Very large ears, considering its earliness. **Pt., 15 cts.; qt., 30 cts.; pk., $1.75.**

LATE VARIETIES

COUNTRY GENTLEMAN. Unsurpassed for family use and the home garden. The cob is small with deep pearly milk white kernels, full of sweetness. Ears are produced in great abundance, sometimes 4 to 6 to one stalk. Sure to please. **Pkt., 10 cts.; pt., 15 cts.; qt., 30 cts.; pk., $1.60.**

BLACK MEXICAN. Exceedingly sweet flavored. Grains black when dry. **Pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; pk., $1.60.**

MAMMOTH SWEET. Immense ears. Valuable on account of its great yield for fodder. **Pkt., 10 cts.; pt., 15 cts.; qt., 25 cts.; pk., $1.50.**

CUCUMBERS *Concombres Gurken*

One ounce will plant fifty hills. 2 lbs., to the acre

Culture. Sow in the open ground as soon as weather is warm and settled. Sow seed one half inch deep in the hills. The hills should be 4 to 6 feet apart and each hill enriched with well-rotted manure.

For pickles sow from middle of June to 1st week of July; when plants are well up thin out. Striped bugs readily attack the young plants. Use infusion of Hellebore powder to kill them. See Insecticides page in back of catalog.

SELECTED EARLY WHITE SPINE. A superior strain for either home garden or forcing. Flesh exceedingly brittle, crisp and deliciously flavored. **Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 90 cts.**

DAVIS PERFECT FORCING CUCUMBER. Good for either forcing or open ground culture. Fruit handsome, long, cylindrical. Delightfully flavored. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.**

COOL AND CRISP. Esteemed highly when small as a pickling sort. One of the most delicious for salads. Flesh pure white, crisp. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.25.**

CUMBERLAND. Rapid, vigorous grower, very prolific. Skin dark green, with many small white spines. One of the best pickling sorts. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.25.**

IMPROVED LONG GREEN. Very long, most excellent quality. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.**

EARLY GREEN CLUSTER. Very early short pickling variety. Contains very few seeds. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 40 cts.**

EARLY RUSSIAN. Earliest and hardiest small cucumber, being only 3 to 4 inches in length. Thick oval in shape, produced in pairs. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.**

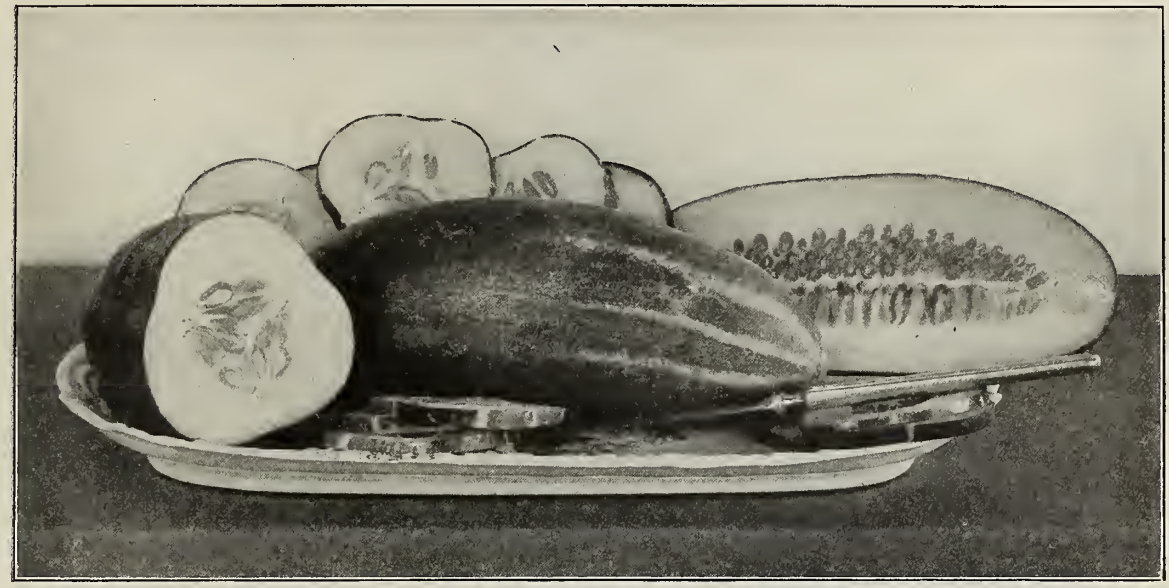
WEST INDIAN GHERKIN. Used only for pickling. Fruits oval-shaped about 2 inches long, prickly and very tender. Seed germinates slowly. **Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.**

ENGLISH FORCING VARIETIES

Grown exclusively under glass.

LOCKIE'S PERFECTION. Smooth, dark green, medium length. Delicious for winter when Cucumbers are a rarity. **Pkt., 25 cts.**

IMPROVED TELEGRAPH. A most prolific sort. Quick in growth and very handsome. The best of all imported sorts. Try growing some during winter. **Pkt., 25 cts.**



Cucumber. White Spine Early Selected

Novelty Ridge Cucumber

PERFECTION RIDGE CUCUMBER

This, as will be seen by the accompanying illustration, is a greatly improved ridge variety. It has been obtained by crossing Japanese Climbing with Telegraph, and inherits the best qualities of both its parents. It is very vigorous in growth, free in setting, with the delicious flavor of the Telegraph. The fruits are a fine green, moderately spiked, very handsome in shape. They vary in length from 12 to 15 inches. They bear with great freedom and abundance. The plants are very hardy and robust, and can be grown on ridges, on wires or on poles. No matter how grown, they will please the most exacting grower.

Per pkt., 20 cts.; trial pkt., 10 cts.

Japan Cucumbers, see page 23.

DANDELION *Dent de lion, Loewenzahn*

The blanched leaves of this plant make a most delicious and **wholesome** salad.

Culture. Seed should be sown in May and June in drills ½-inch deep and 15 inches apart. Thin out to 6 inches apart, cultivate and water carefully. They commence to yield in autumn but the larger crop comes the following spring. Prefer heavy, moist soil.

FINEST IMPROVED LARGE LEAVED. Pkt., 10 cts.; oz., 60 cts.; ¼ lb., $2.00.

EGGPLANT *Aubergine Eierpflanze*

One ounce produces about 1,500 plants

Culture. Can be sown in March in a hotbed or in the house in warm sunny window. The hotbed must be kept warm, and carefully covered as long as cold weather lasts. Transplant seedlings when large enough to stand three inches apart each way. They can also be planted in small paper pots until weather is sufficiently warm to stand planting in open ground. About end of May. Plants must be set in rich soil 2 feet apart each way. Hoe and cultivate frequently keeping soil light and loose.

BLACK BEAUTY. A new Eggplant of remarkable merit. Matures **very early.** Fruits are thick, fleshy, very attractive, being of a rich glossy, purplish black. **Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.25.**

NEW YORK IMPROVED PURPLE. This is the easiest growing variety and one of the finest and largest. Plants are spineless, very productive and early. The flavor rich and delicious. **Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.25.**

Japan Eggplant. See page 23.

PLANTS of EGGPLANTS

Ready in June.

BLACK BEAUTY and N. Y. IMPROVED PURPLE. Doz., 75 cts.; 100, $5.00.

ENDIVE *Chicoree Endive, Endivien Salad*

One ounce of seed for 75 feet of drill

One of our best salad plants, especially valuable for winter use.

Culture. For a first crop sow about middle of April. For succession sow small amounts every month up to August. Set the plants 1 foot apart in rows 3 feet apart and when well grown blanch by folding the outer leaves around the heart, and tying them together in cone form. Do this only when weather is perfectly **dry.**

MOSS CURLED SILVER HEART. Distinct new variety with finely laciniated, moss-curled leaves of a light yellow color, turning almost to white. Stalk and ribs are nearly white. Strongly recommended. **Trial pkt., 10 cts.; large pkt., 25 cts.**

LETTUCE LEAVED (Green). A large-leaved plant of grayish green color, growing to a very large size, attaining easily 16 inches across. The leaves are spoon-shaped and form a well-filled, very tender rosette. A very productive variety, well suited for garden purposes and less liable to rot than any other Batavian Endive. **Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.**

GREEN MOSS CURLED. Leaves beautifully curled and laciniated. Blanches readily to a creamy white. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 40 cts.**

WHITE CURLED. Leaves of the tenderest, palest green. Blanches quickly. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.**

Kohlrabi

Leek—American Flag

LEEK *Poireau Lauch*

One ounce will plant about 100 feet of drill

Culture. Sow same as onions in spring. Thin out to 6 inches apart in the row, having the rows 2 feet apart. Keep free from weeds, and in early fall draw up the earth about the stems same as for celery. A thick stem is produced which when earthed up can be left standing until following spring. Very young plants can be used where no heavy stems are desired. They are eaten raw or used for seasoning soups, etc.

LEEK—Continued

AMERICAN FLAG. Thick, pure whit stems of mild, most agreeable flavo **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.**

KOHLRABI *Chou-rave*

or TURNIP-ROOTED CABBAGE

One of the most useful vegetables for the autumn. It combines the good qualities of the turnip and cabbage. Gather when **young** and tender. Cook the turnip-shaped heads and the foliage separate. Boil both until very tender. Slice the heads and simmer with the foliage which has been chopped fine in some butter, adding a little onion or leek, if that flavor is liked. Add butter and a little flour if wished, salt and pepper to taste. The result is a Gastronomic delicacy.

Culture. Sow thinly in early May and June in rows a foot apart. Plant the seedlings 15 inches apart in very rich soil, keep well cultivated. An occasional application of liquid weak manure improves the plants.

EARLY WHITE VIENNA. Delicate. Much prized for forcing. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 75 cts.**

EARLY PURPLE VIENNA. Similar to above except in color. Both good for forcing and open ground. **Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.**

LETTUCE *Laitue Salat*

One ounce of seed produces about 4,000 plants

Culture. Lettuce prefers a light, very rich rather moist soil. For **very** early crop sow in gentle heat or in the house in February and transplant 10 inches apart. When weather permits sow in shallow drills 18 inches apart and thin out, leaving a foot between plants. Seed can be sown from April till end of August.

CABBAGE HEADED VARIETIES

ALL SEASONS. Color light green, the inside leaves a clear yellow, produces remarkably large, firm heads. Absolutely withstands heat and drought better than any other variety. **Excellent** for Home Garden. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.50.**

BIG BOSTON. This splendid lettuce has become one of the most popular for early spring and fall sowing. The large, solid heads are light green in color, slightly tinged brown. Very fine grained and buttery. Stands heat and drought remarkably well. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.**

CRISP AS ICE. The heads are large and solid. When cut open they have a rich creamy heart and are so tender and brittle as to melt in the mouth. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.25.**

CALIFORNIA CREAM BUTTER. A splendid Summer variety. Forms round, crisp, solid heads of a golden yellow. Delicious melting flavor. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.**

BLACK SEEDED SIMPSON. Plants form a mass of long loose leaves exceedingly tender and crisp. Stands heat well. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.**

MAY KING. An unequaled variety for early spring planting in open ground. It is extremely hardy and very quick growing. The plants grow 6 to 7 inches in diameter with the outer leaves folded closely, forming a solid head. The outer leaves are light green slightly tinged brown, the inner leaves a bright yellow and of a delicious buttery flavor. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.50.**

HANSON. Succeeds in any soil and is a capital table variety. Large heads of a tender green color. Flavor fine. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.**

DENVER MARKET. The heads of this favorite sort, are large, solid, light green, beautifully curled like a Savoy Cabbage; very crisp and tender. The heads are somewhat after the style of Hanson, but more oblong. Delicate, tender, and most superior. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.**

ICEBERG. Leaves beautifully curled at the edges. Crisp and brittle, bright green. Very solid; well blanched. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.**

TENNISBALL, white seeded. Forms very rapidly heads of the crispest tenderest quality. Seed is selected from the **most perfect** heads. **Pkt. 10 cts.; oz., 50 cts.; ¼ lb., $1.50.**

TENNISBALL black seeded. Selected. A greatly improved strain. Very fine heads, very delicate and toothsome. One of the **best** for the Home Garden. **Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.25.**

WAYAHEAD. This is even **earlier** than May King. The heads are larger, tightly folded. Outer leaves light green, inner leaves a rich buttery yellow. It stands a **long** time before running to seed. All around most desirable. **Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.50.**

GOLDEN QUEEN. A very early sort for either outdoor or forcing; the leaves are light green while the heart is almost a golden yellow and very compact, while the head is small, when prepared it makes more edible lettuce than any other variety of the same size. **Pkt., 5 and 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.**

EARLY CABBAGE OR WHITE BUTTER. A wonderful producer of the largest sized heads; while an older variety, it still is in the lead. Excellent to sow in hotbeds for early spring use, while it may be used continuously until autumn. Color a light green with a rich delicate interior, very hardy. **Pkt., 5 and 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.**

HANSON IMPROVED. Tremendous solid heads; the outer leaves are curled; the interior is almost white and very tender; stands the heat well, therefore excellent for summer use; this produces probably the heaviest head of lettuce of any variety. **Pkt., 5 and 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.**

MAMMOUTH SALAMANDER. One of the best of the mid-summer varieties, resisting heat and drought wonderfully and remains in heading condition longer than many others. The heads are enormous, of a fresh green color; the loose leaves can all be used, as they are extremely brittle and tender. This strain is an improvement on the usual form. **Pkt., 5 cts., (per large pkt., 10 cts.); oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.**

WONDERFUL. Of the cabbage-headed sorts this is a leader; the color is dark green, with white interior; the heads are large, having curled outer leaves, a popular kind for summer. **Pkt., 5 and 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.**

CURLED LEAVED LETTUCE

EARLY CURLED SIMPSON. Finest for Home Gardens. Leaves very delicate, curled at the edges. Very crisp. **Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.;**

GRAND RAPIDS FORCING. Very early crisp, and melting in the mouth. Will keep from wilting after cutting longer than any other sort. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 75 cts.**

Paris White Cos–Romaine Lettuce

ROMAINE or COS VARIETIES

PARIS WHITE COS. One of the very best for summer use. It is self folding with a beautiful creamy white heart. Butter flavor. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.**

TRIANON SELF-CLOSING COS. Leaves, long, narrow, forming close upright heads. **Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., $1.75.**

Lettuce, "May King"

MARTYNIA *Ongles du Diable*

Very ornamental in growth, with bold massive stems, bearing spikes of Gloxinia-like flowers, crimson purple in color, and very fragrant. The flowers are followed by hairy seed-pods of a most unique shape growing out at the ends in thin long curved form. Must be gathered while quite young and pickled in vinegar. Sow seed when weather is warm in rows 3 feet apart and 1 foot apart in the rows. **Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.**

MUSHROOMS *Champignons*

PURE CULTURE MUSHROOM SPAWN. The **best** on the market, produces mushrooms in 4 to 5 weeks, superior in quality and size. **Per brick, 35 cts.; by mail, 45 cts.; 5 bricks (not postpaid), $1.75; 10 bricks, $3.25; 25 bricks, $6.50; 100 bricks., $20.00.**

"HOW TO GROW MUSHROOMS." The best book on Mushroom Culture, by Wm. Falconer, $1.00, Postpaid.

MUSTARD *Moutarde Senf*

One ounce will sow 40 feet of drill

Culture. Sow in shallow drills one foot apart. Several sowings can be made for succession.

WHITE LONDON. The very best sort for salads, or seasoning for pickles. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.**

CHINESE and JAPAN MUSTARD. See page 23.

OKRA or GUMBO

The green pods are delicious for soups. Sow during May in drills 3 feet apart and thin out later to 10 inches in the row.

WHITE VELVET. Pods round, smooth, white, and tender. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 65 cts.;**

MAMMOTH LONG POD. Wonderfully productive. Immense green pods, slim and retaining their tenderness longer than most sorts. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 65 cts.**

Musk Melon "Jenny Lind"

MELONS *Melon, Melone*

MUSKMELONS

One ounce of seed to fifty hills

Culture. Do not plant until all danger of frost is past. Sow in hills 6 feet apart each way. Put 10 to 12 seeds in each hill, and when well up thin out to 2 or 3 plants. Melons **must** have light, well worked, moderately rich soil. Use Slugshot to kill the bugs which will infest the vines. (See Insecticides page in back of book.)
Pinch the ends of main stems which will strengthen the vine and induce earlier and heavier fruiting.

EXTRA EARLY HACKENSACK. Very early, of superior quality. Flesh light green, thick and excellent flavor. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.**

BURREL'S GEM. Grows uniform in size and weight. Skin a deep green, rind thin. Flesh translucent green of the most aromatic and spicy flavor. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.25.**

EMERALD GEM. Improved sort. Medium size; fruits globular in form, flattened at blossom end. Skin smooth, slightly ribbed, flesh very thick, salmon color, deliciously flavored. Must be picked as soon as it will separate from the stem and stored in a cool place for a few days. If too long on the vine, the skin turns yellow, the flesh soft and tasteless. **Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 65 cts.**

IRONDEQUOIT. Beautiful dark orange skin, finely netted yellow when ripe, giving the fruit a most attractive appearance, when on the table. The fruit is large, nearly round, flavor sweet, rich, and spicy. Superior to any other sort grown. Wherever grown on whatever soil this melon will hold its own. **Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $2.00.**

JENNY LIND. One of the oldest and best sorts. Fruit small, round, deeply lobed, finely netted. Flesh green, luscious. First to ripen. Grand for home gardens. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.**

MONTREAL NUTMEG. The largest muskmelon, often attaining a weight of 15 to 20 lbs. Nearly round, flattened at the ends, deeply ribbed, flesh thick, clear to the rind, of a most melting and delicious flavor. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.50.**

PROLIFIC NUTMEG. Extra hardy and vigorous vines. Fruit medium round, slightly flattened at both ends, ribbed with distinct netting all over. Flesh thick, solid, of delicious, spicy flavor. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.**

ROCKY FORD. One of the most popular sorts. Oval in shape, medium sized, slightly ribbed. Covered with coarse netting. Flesh thick, green in color, very sweet and juicy, melts in the mouth. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.**

JAPAN MUSKMELON. See page 24.

WATERMELONS

One ounce will plant thirty hills

Culture. Same as for Muskmelons, but plant the hills 8 to 10 feet apart.

EARLY FORDHOOK. Extra early, of large size, flesh bright red, crisp, and of luscious flavor. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 75 cts.**

FLORIDA FAVORITE. A superb strain; fruit large, oblong, dark green; skin striped with a deeper green; flesh deep red, excellent. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 65 cts.**

ICE CREAM. Delicious as the name implies. Flesh bright scarlet. Rind thin, mottled green. Solid to the centre, sweet as honey. Best of all medium early. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 65 cts.**

KENTUCKY WONDER. A totally distinct melon. Shape oblong, attaining a good size, flesh bright red, crisp, rich sugary; always firm and solid. One of the very best home sorts. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.**

KLECKLEY'S SWEET. Finest of all medium early Watermelons. Fruit oblong, rind very thin and brittle, color of rind rich, dark green, flesh glowing scarlet, solid, of a flavor that melts in the mouth. Should be in every home garden. **Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.00.**

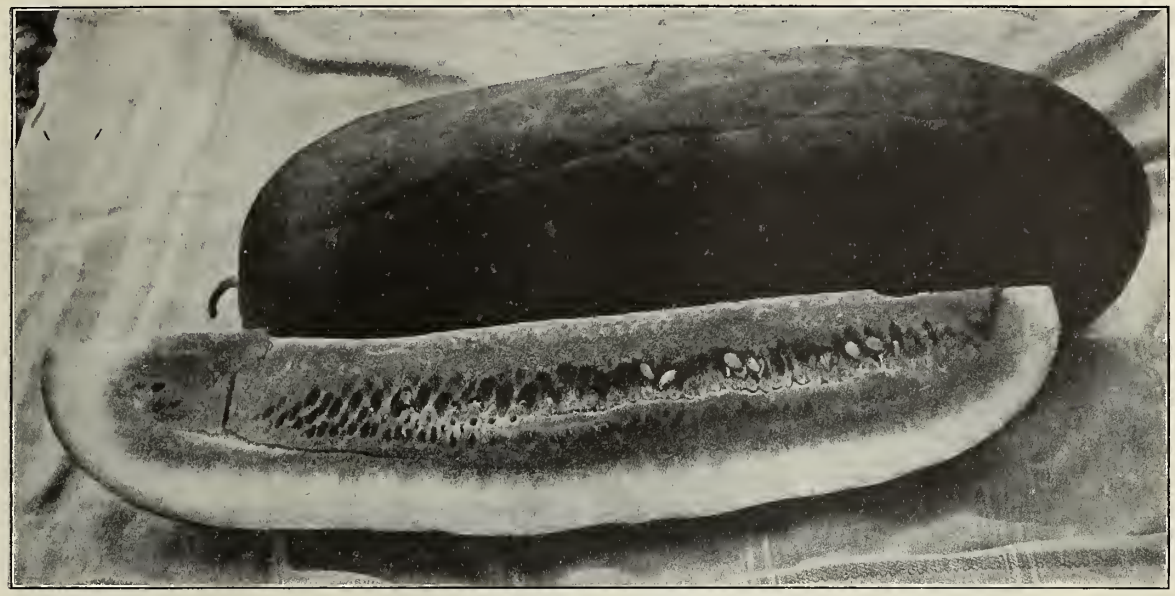
SWEETHEART. Fruits early, large, flesh very solid, bright red, juicy, and sweet. An old favorite. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 65 cts.**

TOM WATSON. A large, oblong melon, skin dark green with a thick netting over the entire surface. It averages 18 to 24 inches in length, 10 to 12 inches in diameter and weighs from 50 to 60 lbs. The rind is thin, but tough; the flesh bright red, crisp, sweet, and delicious. The heart is large with no core. One of the very finest Watermelons grown. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.**

CITRON, FOR PRESERVES

THE CITRON-MELON is **most** valuable in Jelly making. Various fruits that have heretofore refused to jell without the addition of tartaric acid, will **jell perfectly** if the pulp of the Citron Melon is added to them. If you wish to profit by this discovery be sure to plant some of the seeds this spring. Flesh is white and solid. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.**

JAPAN MELONS. See page 24.



Watermelon Tom Watson

Onion Yellow Globe Danvers

ONIONS *Ognon Zwiebel*

One ounce sows 100 feet of drill

Culture. A rich, loamy soil, preferably one that has been liberally manured the previous season, is best suited to growing Onions. Sow the seed as soon as the ground can be worked in spring, ½-inch deep in drills 1 foot apart. Thin out when large enough to 4 inches apart in the row. Hoe frequently and keep free from weeds. Our seed is raised from selected stock, sure to give satisfaction.

SOUTHPORT WHITE GLOBE. Handsome, globular onion. Mild flavor and splendid keeper. Has a beautiful white, silvery skin. Is a favorite with all. **Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 80 cts.; lb., $3.00.**

SOUTHPORT YELLOW GLOBE. Globular form, almost round rich yellow color. Matures about the same time as Southport Red Globe, and has flesh of the same high quality. Excellent keeper. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.50.**

ONIONS—Continued

SOUTHPORT RED GLOBE. Matures late. Globe shaped, short necked, dark red in color. Flesh tender, crisp, of excellent quality. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.75.**

LARGE RED WETHERSFIELD. The favorite amongst red-skinned Onions. Flesh reddish white, fine flavored and a grand keeper. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.75.**

WHITE BERMUDA ONION. Beautiful silvery white, large onion of the sweetest and mildest flavor. **Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.**

ADRIATIC BARLETTA. The prettiest button-like, small onion known. Small, flat, and silver skinned of so mild a flavor that it can be eaten raw like a stalk of celery when young, while for pickling it has no equal. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.**

AUSTRALIAN BROWN. Medium sized, smooth, round. The color of skin is a clear amber brown. Will keep almost indefinitely. Ripens extremely early. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.50.**

MAMMOTH SILVER KING. The largest of all white Onions. A grand sort for the home garden. Flat shaped, mild, and tender; silvery white flesh. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.**

YELLOW GLOBE DANVERS. The most popular sort. Shape nearly round, with light, yellow skin and solid white flesh. Noted for its great productiveness and good keeping qualities. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.50.**

AILSA CRAIG. English stock. An ideal onion. Skin pale yellow; flesh snow white, and most delicious flavor. Sweet and aromatic. Uniform in size and weight. **Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts. ¼ lb., $1.25.** Once tried it is ever after wanted.

Onion — Iron Head

ONIONS—Continued

IRON HEAD ONION. Novelty of 1912

Its large size, most tender and firm flesh, early ripening and great keeping qualities, make this new sort one of the most desirable. Color is a clear, dark yellow. Flesh lighter. Try a packet this spring. It will surely please you. **Pkt., 10 cts.**

Parsnips

PARSNIPS *Panais Pastinak*

One ounce will sow 100 feet of drill

Culture. Requires rich and well-manured soil. Sow the seed early in spring in drills 18 inches apart covering with fine soil to the depth of half an inch. Thin out the young plants to 5 inches apart and cultivate well, keeping free from weeds.

AMERICAN HOLLOW CROWN. Large, smooth, milky white roots flesh soft and melting. The best grown. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., $1.00.**

EARLY ROUND. Adapted to shallow soils. Roots smooth, round; flesh fine grained very sweet. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 85 cts.**

PARSLEY *Persil Petersilie*

One ounce will sow 100 feet of drill

Culture. Requires a rich, mellow, rather deep soil. Sow early in spring in drills a foot apart and half an inch deep. Soak the seed previously to sowing in warm, not hot, water, which will facilitate germination. Leave soaking for about six hours. Thin out the young plants when large enough.

CHAMPION MOSS CURLED. A most prettily curled sort. Rather dwarf, of a shiny rich green color. Very ornamental for garnishing. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.**

DOUBLE CURLED. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

PLAIN. The ordinary form. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.**

FERN LEAVED. Finest garnishing sort. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.**

HAMBURG or ROOTED. This is extensively grown for its white and tender roots. One of the very best ingredients for soups and stews. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.**

PEPPER *Piment Pfeffer*

One ounce of seed will produce about 200 plants

Indispensable for seasoning soups, sauces, salads, etc. For this purpose the larger varieties are useful; the milder sorts like Ruby King, being used as a vegetable for salads, the small fruited ones for pickling and flavoring.

Culture. Sow the seed ½-inch deep in hotbed or in the house in March and transplant to open when all danger of frost is past. Plant the young plants 2 feet apart each way. Seed can be sown in open ground in a warm, sheltered spot during May.

CHINESE GIANT IMPROVED. Fruit of great size, 12 to 15 inches in circumference. It is early, very productive and as sweet as an apple. Flesh is thick, tender, unexcelled for salad or stuffed in Mangoes. As a salad served with tomatoes it is a feast. **Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.15.**

ONION SETS

By planting onion sets, onions may be had much earlier than by sowing seed. To obtain large onions, sets should be planted three to four feet apart in rows one foot apart as soon as frost is out of the ground.

White sets, **qt., 20 cts.; ½ pk., 75 cts.; pk., $1.25.**
Red sets, **qt., 20 cts.; ½ pk., 60 cts.; pk., $1.00.**
Yellow sets, **qt., 20 cts.; ½ pk., 60 cts.; pk., $1.00.**

If quarts are wanted by mail, add 10 cts. to price.

PEPPER—Continued

GOLDEN DAWN. Bright golden yellow color. Very productive, mild, and sweet. **Pkt., 5 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75 cts.**

LARGE BULL or BULL NOSE. Early sort of good flavor. Flesh thick, hard, and mild. Often 3 to 4 inches long. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 40 cts.**

LONG RED CAYENNE. Pods are small, cone shaped, bright scarlet, very pungent. Used for pickling in green or ripe state. **Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 75 cts.**

RED CHERRY. Small, round fruits, deep glossy scarlet color, very productive; fine for pickles. **Pkt., 5 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., $1.00.**

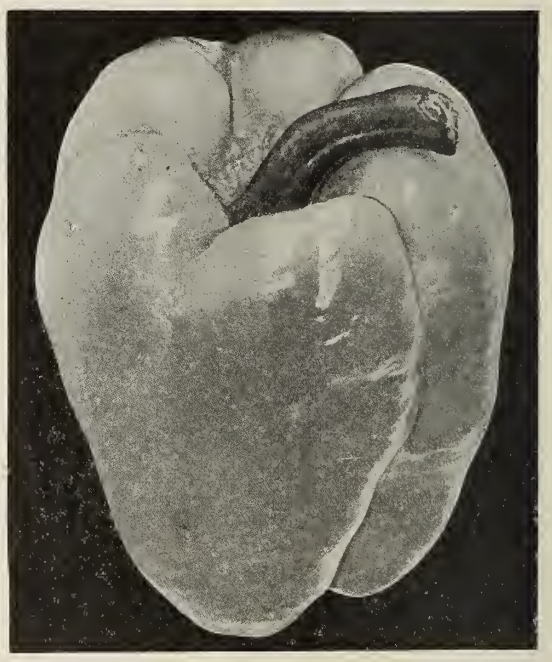
SELECTED RUBY KING. Fruit ruby red. The flavor is as mild as Cucumbers or Tomatoes. Sliced with these and eaten as salad it is delicious. **Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.**

PEPPER PLANTS

Delivery May and June.

BULL NOSE and SWEET MOUNTAIN. Doz., 25 cts.; 100, $1.50. (Not delivered).

JAPAN PEPPER. Extra fine, see page 23.



White Prince Pepper

Whilst all other Capsicums or Pepper-pods known are green in the edible stage and become rapidly yellow or red when ripening, this new sort is distinguished by the shining **creamy** white color of its young fruits, which are three to four inches long, with a circumference of 8½ to 10 inches. They remain white until they have attained their full size. When they begin to ripen the color changes to yellow and finally to a brilliant orange. They have all of the best qualities of the best known sorts of Peppers. **Pkt., 20 cts.; trial pkt., 10 cts.**

Pea, "Little Marvel"

GARDEN PEAS *Pois Erbsen*

One quart will plant 100 feet of drill

Each Packet contains ½ pint. Postpaid.
Where pints and quarts are wanted by **mail**, add 5 cts. per pint and 10 cts. per quart for **extra** postage.

EXTRA EARLY VARIETIES

AMERICAN WONDER. Very dwar growth, 10 inches high, nearly as early as Alaska. The pods while of small size are completely filled with luscious large wrinkled peas. **Pkt., 10 cts.; pt., 30 cts.; qt., 45 cts.; 4 qts., $1.50; pk., $2.50.**

ALASKA or EARLIEST OF ALL. Vines 20 to 30 inches high. Well filled pods, peas round, slightly pitted, a bluish colored sort. Especially fine for canning. **Pkt., 10 cts.; pt., 20 cts.; qt. 40 cts.; 4 qts., $1.25; pk., $2.00.**

LITTLE MARVEL. Vines of very even growth average 15 inches in height. Are heavily set with numerous pods often appear ng in pairs. Averaging 2½ inches in length, the pods are well filled with 6 or 7 large dark green peas. If you desire an **extra fine early** cro be **sure** to plant **"Little Marvel."**. **Pkt., 15 cts.; pt , 30 cts.; qt., 50 cts.; 4 qts., $1.75; pk., $3.00.**

GRADUS or PROSPERITY. This is a truly wonderful variety. Vines grow 3 feet high with light, large leaves. The pods are 4½ inches in length and are nearly round, filled to bursting with large peas of the most delicate and sweet flavor. The pods are mostly of **uniform** size. One of the **most** desirable peas for the Home Garden. **Pkt., 15 cts.; pt., 30 cts.; qt., 45 cts.; 4 qts., $1.50; pk., $2.50.**

NOTT'S EXCELSIOR. Compact fine growth. Pods average 3 inches in length and are well filled with round wrinkled peas of excellent flavor. **Pkt., 10 cts.; pt., 25 cts.; qt., 40 cts.; 4 qts., $1.50; pk., $2.25.**

THOMAS LAXTON. Growth is similar to **"Gradus"**, but the pods are a deeper green and square at the end. Very prolific and pods filled with large peas of exquisite flavor. **Pkt., 15 cts.; pt., 25 cts.; qt., 45 cts.; 4 qts., $1.50; pk., $2.25.**

EARLY MORN. This grand introduction maintains its position as one of the best early marrowfat Peas ever raised. Although so early, the seed should not be sown until the soil is in a fit shape to receive it in April, as it is a rapid grower. The pods are very large and well filled, and are often ready to pick several days after Gradus. Height about 3 feet. **½ pt., 15 cts.; pt., 25 cts.; qt., 45 cts.; pk., $3.00.**

BOUNTIFUL. A bluish round pea of large size. The pods are very large and well filled; it is very early, a good cropper, suited to the first and last planting, grows 24 to 30 inches high. **Pt., 20 cts.; qt., 35 cts.; 4 qts., $1.25; pk., $2.25.**

EUREKA. A great producer and extremely early, smooth seeded; height, 24 inches. **Pt., 15 cts.; qt., 30 cts.; 4 qts., $1.10; pk., $2.00.**

SECOND EARLY and MAIN CROP VARIETIES

ALDERMAN. One of the very finest of the large podded summer varieties. Vines are very vigorous averaging 18 to 20 pods each, containing 7 to 10 large peas of the most delicious flavor. **Pkt., 10 cts.; pt., 25 cts.; qt., 40 cts.; 4 qts., $1.25.**

CHAMPION OF ENGLAND. A very handsome and popular variety. One of the richest and best flavored peas. **Pkt., 10 cts.; pt., 25 cts.; qt., 40 cts.; pk., $2.50.**

IMPROVED TELEPHONE. Height, 1½ feet. Stocky, vigorous; an ideal wrinkled pea. Pods are long and well filled. One of the best sorts for home use; cannot be too highly recommended. **½ pt., 15 cts.; pt., 25 cts.; qt., 50 cts.; pk., $2.50.**

MCLEAN'S ADVANCER. Noted for its enormous productiveness handsome pods and delicious, melting flavor. Vines grow 2½ feet high, and produce constantly large, broad, well filled pods. Delicious. **Pt., 25 cts.; qt., 40 cts.; 4 qts., $1.25; pk., $2.00.**

BRITISH WONDER. A sure cropper. Vines grow from 15 to 18 inches high bearing an abundance of pods uniformly filled with very large, dark green peas of **melting** flavor. **Pkt., 10 cts.; pt., 25 cts.; qt., 40 cts.; 4 qts., $1.50; pk., $2.25.**

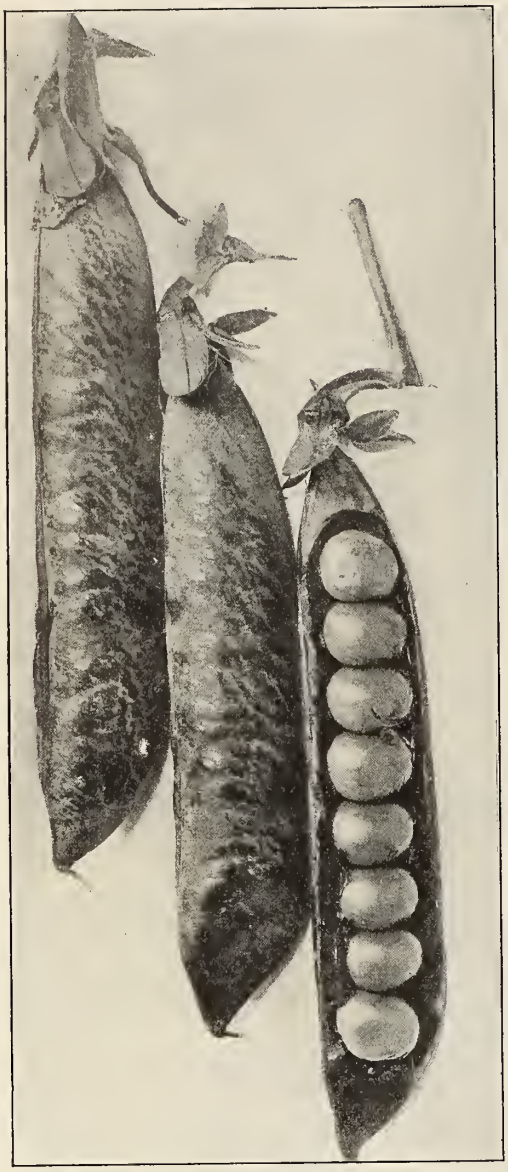
SENATOR. Vines immensely productive. grow to a height of 2 feet. The large number of pods are filled with luscious peas, of the most melting and delicious flavor. Both quantity and quality of crop are **unexcelled. Pkt., 15 cts.; pt., 30 cts.; qt., 45 cts.; 4 qts., $1.50; pk., $2.50.**

MELTING SUGAR PEAS. Edib e podded. The pods are cooked like Snap Beans and are very sweet and tender. **Pkt., 10 cts.; pt., 20 cts.; qt., 35 cts.; 4 qts., $1.25.**

YORKSHIRE HERO. The best pea for late crop. Is entirely free from mildew. The vines bear abundantly pods filled with delicious large peas. **Pkt., 10 cts.; pt., 25 cts.; qt., 35 cts.; 4 qts., $1.25; pk., $2.25.**

BUTTERCUP. Just as Alderman and Boston Unrivaled are at their best Buttercup is ready for picking. Is a handsome, light green pea, with curved pods frequently borne in pairs, which makes picking very easy. On an average the vines bear six or seven pods containing seven or eight fine, large peas. Height 2 feet. **½ pt., 15 cts.; pt., 25 cts.; qt., 40 cts.; pk., $2.75.**

QUITE CONTENT. One of the largest-podded peas in existence and in season similar to Alderman. This variety is preferred by many growers to Alderman on account of its large pods. **½ pt., 15 cts.; pt., 25 cts.; qt., 45 cts.; pk., $3.00.**



Improved Telephone

BLACK EYE MARROWFAT. Excellent where a large crop is desired. It is one of those mealy sorts usually cooked with smoked or salt meats; height, 4 feet. **Pt., 15 cts.; qt., 25 cts.; 4 qts., 90 cts.; pk., $1.50; bu., $6.00.**

WHITE MARROWFAT. Another mealy variety used for cooking with meats; height, 3 feet. **Pt., 15 cts.; qt., 25 cts.; 4 qts., 90 cts.; pk., $1.50; bu., $6.00.**

JAPANESE PEAS. See page 24.

Do not fail to study our Lists of Japanese Vegetables

One of our customers writes us from Fredericton, New Brunswick, regarding his experience with Japanese Peas:

"The Japan Peas began bearing as soon as Bliss's Everbearing, and continued to blossom and produce seed until killed by frost. I have never seen anything more prolific. Am sure some of the vines would have stood 8 or 9 feet high had they something to climb on."

A. C. LaDue,
Fredericton, N. B.

PUMPKIN *Potiron Kuerbis*

One ounce will plant 50 hills

Culture. Pumpkins are usually raised amongst corn. When the corn is about 1½ feet high, or after it receives its last cultivation, the seed is sown, dropping 3 seeds in every third hill. Or the seed may be sown in May after the 15th in hills 8 feet apart, placing 6 seeds in every hill and later thinning out to 4 plants.

CORNFIELD. Immensely productive, large orange colored field pumpkin. Excellent for feeding stock. Fine for pies. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.**

JUMBO. The largest pumpkin grown. Often weighs 150 to 175 pounds. **Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 65 cts.**

LARGE CHEESE OR KENTUCKY FIELD. Large, round, flattened fruit, very hardy and productive. Fine keeper. The very best for family use. **Pkt. 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.**

SUGAR OR PIE PUMPKIN. Small, round flesh finely grained, sweet and of very best quality. Good keeper. The greatest pie maker. **Pkt. 5 cts.; oz. 10 cts.; ¼ lb., 25 cts.; lb., $1.00.**

JAPANESE PUMPKIN. Delicious, see page 23.

SALSIFY *Haferwurzel*

or OYSTER PLANT

One ounce of seed will sow 60 feet of drill

Culture same as for Parsnips.

WHITE FRENCH. The old favorite variety. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.50.**

MAMMOTH SANDWICH ISLAND. The largest and most succulent salsify. **Pkt. 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.75**

BLACK SALSIFY, or SCORZONERA. A black variety. Flesh tender and white. **Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 50 cts.; lb., $1.57.**

SORREL

One ounce of seed will sow 150 feet of drill

Culture. Seed sown in April in drills 1 foot apart and ½-inch deep will be ready for cutting during July. For early spring use the seed should be sown during August. The roots are entirely hardy and if not disturbed will remain for several years.

LARGE-LEAVED FRENCH. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

New Giant Rhubarb Cyclops

RHUBARB or PIEPLANT

Culture. Sow the seed in cold frame in spring and as soon as the plants are large enough transplant into rows 1 foot apart each way and cultivate. The following spring plant out in rows 4 feet apart each way and work into the soil a liberal supply of well decomposed manure.

LINNEAUS. The earliest and best for garden use. Very finely grained **Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 75 cts.**

VICTORIA. One of the best sorts. Yields immense crops. **Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 75 cts.**

NEW GIANT RHUBARB CYCLOPS. Stems of succulent flesh. Weight 1½ to 2 lbs. each. The flesh is so tender and so finely grained that every inch of it can be used. Flavor unexcelled. Sow in rich soil. **Pkt., 15 cts.**

RADISH

Petite Rave
Radieschen Rettige

One ounce of seed will sow 100 feet of drill

Culture. The secret in growing good radishes consists chiefly in the observance of three points. 1. Grow them on light, quick soil. 2. Give plenty of water, and 3d, and last, **Get the right kind of seed.** Radishes grow very rapidly and if not given sufficient moisture will turn pithy. Sow the seed ½-inch deep in early spring in rows 1 foot apart, and remember that the more fertile the soil the faster they will grow. For succession sow every ten days throughout the season and keep the soil free from weeds.

EARLY SCARLET GLOBE. This deserves to be at the head of the list for a forcing Radish, being the best in shape, brightest scarlet and most uniform. Very tender and crisp. Great for forcing and out doors. Never disappoints the grower. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.**

SPARKLER. A new variety of entirely distinct type. The shape is globular, the top very short. Excellent both for forcing and for outdoors. Color is a Rose Carmine with a long white tip. Sparkler will keep longer in good condition than any other variety and can be grown the year round. Successive sowings should be made all through summer. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.**

EARLY WHITE TURNIP. Medium sized, round variety, grown largely for summer use. Has a small top, pure white skin, very tender, mild and crisp flesh. Takes a month to mature. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 65 cts.**

FRENCH BREAKFAST. The most popular and best known sort grown. It is exceedingly pretty, olive shaped, scarlet with white tip. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.**

CRIMSON GIANT. Rapid grower of medium size, firm, crisp, and solid. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.**

EARLY SCARLET TURNIP. One of the best standard sorts for general use. Roots are turnip shaped of finest quality. Dark red color. **Pkt. 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.**

NON PLUS ULTRA. Especially desirable for summer use owing to its rapid growth, being ready for the table in three weeks from time of sowing. Shape round, short top, rarely pithy. Flesh white, crisp, tender. Best for summer home use. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.**

EARLY WHITE STUTTGART. Very rapid grower. Produces in 6 to 8 weeks after sowing, good sized roots, the skin and flesh a pure white. Solid, fine quality. It resists heat and drought. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.**

ICICLE. The finest of pure white, early sorts. Planted in spring, this variety is ready for pulling in about 3 weeks from sowing. They are long, slender, and purest white, making them very attractive on the table, mixed with the bright scarlet. These radishes are crisp and tender, both when young and later, making them fine for use a considerable time. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.**

SCARLET OLIVE. Oval, tender, and excellent. Length, 1½ inches. Color bright scarlet. Matures in 4 weeks. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.**

LONG WHITE VIENNA (Ladies' Finger). Skin and flesh are white and of excellent quality. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.**

LONG BRIGHT SCARLET or CINCINNATI MARKET. The brightest and handsomest scarlet radish grown. Can be pulled in 25 days from sowing. Remains in good condition till fully grown. Tops small, flesh crisp, mild, and sweet. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.**

Radish Icicle

WINTER VARIETIES

CALIFORNIA WHITE MAMMOTH. Grows to a large size; flesh is white, firm and of delicious flavor. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.**

LONG BLACK SPANISH. Very large size, firm texture. Should be stored in sand for Winter use. **Pkt. 5 cts., oz., 10 cts. ¼ lb., 25 cts.; lb., 75 cts.**

ROUND BLACK SPANISH. Similar to the long, but round shape. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.**

ROSE COLORED CHINA. Rose colored sort, of very fine quality. Very smooth and fine flavor. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.**

These radishes can be kept for winter, but are also highly useful and delicious for summer use. Store in dry sand in a cool place for winter use where frost does not penetrate.

JAPANESE EXTRA FINE RADISHES. See page 23

1. Early Scarlet Globe
2. Sparkler
3. Early White Turnip
4. French Breakfast

SQUASH *Courge, Speise Kuerbis*

Small seeded sorts one ounce to 50 hills. Large seeded sorts one ounce to 15 hills.

Culture. Before planting Squash in the open the weather must be settled, the soil light and highly fertilized. Summer sorts should be planted from 4 to 6 feet apart each way in hills, pressing the seed down 1 inch deep. Late varieties require planting 8 feet apart, covering the seed 1½ inches deep. Slug shot or plaster will keep off the destructive bugs.

EARLIEST VARIETIES

EXTRA EARLY JERSEY WHITE BUSH. This is an improved strain of the old White Bush Squash, the result of selections which have been made for a number of years by a prominent nearby market gardener. It grows in the bush form, and is enormously productive. The Squashes mature fully ten days earlier than the old sort, and are of good size. They show less ridge or scallop, being better filled out, and contain a larger amount of flesh than the parent variety. The Squashes cook well and the flavor is delicious. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb,. 50 cts.; lb., $1.75.**

BOSTON MARROW. A highly popular winter variety; quality unexcelled. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.**

GIANT SUMMER CROOKNECK. Fruits much larger than the common Crookneck. Plants are of compact growth, fruits deep golden yellow heavily warted. **Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.**

VEGETABLE MARROW. A favorite English squash. Flesh white, soft, and of delicious flavor. **Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.**

Miniature Squash

SPANISH CROOKNECK MINIATURE

A 1912 novelty. A miniature form of the squash Giant of Naples, which owing to its smaller volume and early ripening is especially adapted for our climate. It attains a length of 12 inches, is a fine keeper and of excellent flavor, similar to the sweetest carrots. The small cylindrical part of the fruit is filled up with sweet aromatic orange colored flesh, the seed cavity being on the large end of the fruit. Highly to be recommended. **Pkt., 15 cts.; Trial pkt., 5 cts.**

The English Vegetable Marrow, when better known, will be universally grown.

To prepare for table, quarter lengthwise, take out seeds, boil, and serve with drawn butter.

SQUASH

AUTUMN and WINTER VARIETIES

BOSTON MARROW. A great favorite for fall and winter use. Skin reddish yellow. Good keeper and of excellent flavor. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., $1.50.**

BAY STATE. Of excellent quality. Very heavy. Shell is green, the meat golden yellow. **One of the best for pies. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 35 cts.; lb., $1.00.**

IMPROVED HUBBARD. The most popular winter squash. Flesh rich, fine grained, and dry. The **best** keeper. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.**

FORDHOOK. Squashes are small, cream color, dry, sweet and of delicious flavor. Keeps throughout winter. Highly recommended. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.**

PROLIFIC or ORANGE MARROW. For an early fall squash there is nothing that can compare with this in earliness and productiveness. Brilliant orange red in color and of finest flavor. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00**

DELICIOUS. For table use **no** other sort can compare with this. Of richest sweet flavor and good keeper. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 40 cts.; lb., $1.25.**

SPINACH *Epinards Spinat*

Culture. For a succession sow the seed in early April and again late in May in drills 1 foot apart and 1 inch deep, thinning out when plants are about 4 inches high. For the principal crop sow from 1st to middle of September, protecting the crop with a light covering of straw or leaves.

BLOOMSDALE or SAVOY HEADED. Large curled and wrinkled leaves of tender and finest flavor. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.**

LETTUCE-LEAVED. Popular French sort. Very delicate. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.**

NEW ZEALAND SUMMER. This plant is really not a spinach, but is used as such. It grows 1½ feet high and is very prolific. Grows well during hot summer weather when the ordinary spinach cannot be had. The seed must be soaked in hot water for 12 hours before sowing. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.**

LONG SEASON. Leaves a dark green color, very broad, thick, and fleshy. Resists summer heat remarkably well and remains a longer time in condition before going to seed than other sorts. Very desirable. **Oz., 5 cts.; ¼ lb., 20 cts.; lb., 50 cts.**

PRICKLY WINTER. A very hardy variety, withstanding severe weather better than any other sort. Largely used for fall sowing. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 50 cts.**

ROUND THICK LEAVED. A very rapid growing sort, forming clusters of large, thick, slightly wrinkled leaves. A favorite for home gardens. Flavor of the best. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 60 cts.**

LONG STANDING. Succeeds well at all seasons, and though somewhat slow in growth forms a very fine large dark green leaved spinach. **Oz., 5 cts.; ¼ lb., 10 cts.; lb., 35 cts.**

Turnips

TURNIP *Navée Steckruebe*

One ounce will sow 150 feet of drill

Culture. For early use sow in hotbed during March, selecting either of the Milan varieties. As soon as the ground can be worked turnips may be sown outdoors in drills 12 inches apart, thinning out later to 5 inches apart in the row. For succession sow at intervals of two weeks till well up into August from which time until the middle of September sowing should be made for the later crops.

EARLY WHITE SNOWBALL or SIX WEEKS. A perfect globe shaped, white skinned turnip of medium size and sweet flavor. For early sowing this is one of the best, being crisp and tender, and maturing in 6 weeks from seed. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.**

EXTRA EARLY WHITE MILAN. Fine for earliest crops. The clean white roots are smooth, flat, symmetrical, handsome in appearance. The flesh is white, tender, and of a very sweet flavor. **Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.**

PURPLE TOP WHITE MILAN. Almost identical in size and shape with the preceding but with a purple crown. The flesh is white, fine and very sweet in flavor. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.**

PURPLE TOP WHITE GLOBE. One of the best and most productive of the winter turnips. The roots are attractive in color, globe shaped, extra large, and very solid. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 65 cts.**

WHITE EGG. Flesh white. Oval or eggshaped. Very fine grained and sweet flavor. Good for later crops. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.00.**

RUTA BAGA or SWEDISH TURNIP

WHITE SWEDE. Very sweet, excellent flavor, and good keeper. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.**

AMERICAN PURPLE TOP. Roots grow to a very large size, with short neck and small tops. Fine flavor and excellent for keeping. **Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.**

JAPANESE TURNIPS. See page 24.

TOMATOES *Tomates Liebes Apfel*

One ounce of seed will produce about 1500 plants

Culture. Good plants can be grown where a frame is not available from early February on in the house in pots or boxes. Where a hotbed is handy sow the seed, giving good bottom heat in February to March, and when the plants are 3 inches high transplant into other frames about 4 to 5 inches apart each way, or plant into boxes which can be placed in the frames. Do not set the young plants in open before all danger of frosts is over, which is generally end of May to first week in June. Being very tender they will not bear the least frost. Choose a light sandy or gravelly loam in a sheltered situation, and if possible with southern exposure if early fruit is desired. The plants may be set four feet apart each way, using a large shovel full of well rotted manure in each hill. On rich soil, little, if any, manure is required, and the plants need to be set 6 feet apart each way.

ACME. Early, of medium size, very solid and productive. **Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.**

CRIMSON CUSHION. A most symmetrically shaped fruit. Color a brilliant scarlet, crimson flesh, firm, and meaty, of superb quality. **Pkt., 5 cts.; oz., 40 cts.; ¼ lb., $1.10; lb., $4.00.**

DWARF STONE. Largest fruited of Dwarf Tomatoes. Fruits are produced in clusters of 3 to 5, each plant producing a large number. Tomatoes average 4 inches in diameter and 3 inches in depth. **Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.10.**

DWARF CHAMPION. Dwarf and very compact. Sold by some as "Tree Tomato." Stands up well even if loaded with fruits, having a very stiff, bushy stem. Can be planted closely together and therefore is most desirable for small gardens. The skin is smooth, flesh solid, and deliciously flavored, almost coreless. **Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.**

FAVORITE (Livingston's). Large, smooth, blood red sort, very early, ripens all through at once. Very few seeds and no bad core. **Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.**

IDEAL EARLY. The strong and vigorous plants are literally laden with fruits of uniform smoothness and roundness, firm and large. Average 5 fruits to the pound. The color is a glossy scarlet, flavor melting and delicious. Can be highly recommended. **Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.**

LIVINGSTON'S NEW GLOBE is a beautiful globe-shaped fruit which permits of a greater number of slices being taken than with flat fruited sorts. One of the very earliest to ripen, of a large size, very smooth, firm fleshed, few seeds, ripening evenly. Color a beautiful rose, tinged purplish. Flavor very delicate and agreeable; splendid slicing variety. The fruit is borne on short, jointed branching plants in great abundance. The very best for early crops in greenhouse or outdoors on stakes or trellis. **Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.**

Tomato Ponderosa

LIVINGSTON'S CORELESS. The most perfectly shaped canning variety. No waste. It is immensely productive, producing clusters of from 4 to 7 fruits, all of generous size. Free from any green core, ripens all over and through right up to the stem all at once. A grand slicing variety on account of the bright red, solid, meaty, and delicious flesh. Good keeper. **Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.**

PONDEROSA. The largest fruited tomato, of finest quality for slicing. Vines are very vigorous, fruits oblong, deep through and slightly ridged, deep purple in color. The flesh is solid, with very small seed cells. Flavor the finest. Planted in generous soil the fruits often attain a weight of one pound. **Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.**

SPARK'S EARLIANA. A perfect early tomato, large in size, beautiful in color, which is a bright vermilion red; nearly seedless and very solid, a vigorous grower and prodigious bearer, yielding its splendid fruits till frosts cut down the vine. One of the highest to be recommended sorts for home use. **Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.**

STONE. A fine sort. Fruit perfectly smooth, bright scarlet, delicious sub-acid flavor. **Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 65 cts.**

ENGLISH-GROWN SEED

EARLY DAWN. English seed, fine for cultivation under glass or for open ground. Fruits are large, smooth, bright red, very prolific, and of exquisite flavor. Few seeds. Sown early in March and transplanted a good crop may be expected by late July, continuing to bear until frosts set in. **Pkt., 10 cts.; 2 pkts., 25 cts.; ⅛ oz., 50 cts.; ½ oz., $1.50.**

STIRLING CASTLE. A superior variety for forcing and outdoors. Very heavy cropper, of medium size, smooth, round, color clear red. Remarkable for its rich, sweet, and acid flavor. English grown seed. **Pkt., 15 cts.; ¼ oz., 75 cts.; oz., $2.00.**

ENGLISH WINTER BEAUTY. This sort has a particularly strong constitution and bears with great freedom. Of exceptional quality for table use. Rich red color, smooth, round, few seeds. English grown seed. **Pkt., 15 cts.; ¼ oz., 75 cts.; oz., $2.00.**

SMALL FRUITING TOMATOES

YELLOW or YELLOW PLUM. **Pkt., 10 cts.; oz., 25 cts.; 2 oz., 40 cts.**

RED CHERRY or RED PEACH. **Pkt., 10 cts.; oz., 25 cts.; 2 oz., 40 cts.**

STRAWBERRY. Fine for preserves. **Pkt., 10 cts.; oz., 25 cts.; 2 oz., 40 cts.**

TOMATO PLANTS, Transplanted

Deliver May and June.

	12	100
DWARF CHAMPION	$ .25	$2.25
DWARF STONE	.25	2.25
STIRLING CASTLE	.25	2.25
EARLIANA	.25	2.25

Delivery not included.

POT, SWEET and MEDICINAL HERBS

These are indispensable for every home garden. For flavoring soups, meats, etc., for medicinal use (especially where there are children), some good herbs will be found most useful.

Culture. All herbs thrive best in rich, mellow soil. Sow the seed early in spring in shallow drills one foot apart; when the young plants are up to 2 to 3 inches thin out or transplant. Cut on a dry day, before coming into full blossom, tie in bunches and hang where they dry rapidly.

ANGELICA. Fine for flavoring wine and cakes. **Pkt., 10 cts.; oz., 25 cts.**

ANISE SEED. Very aromatic. Fine for flavoring cakes, etc. **Pkt., 5 cts.; oz., 10 cts.**

BALM. For Culinary purposes. **Pkt., 5 cts.; oz., 25 cts.**

BORAGE. Grand as a salad mixed with lettuce. Flowers are excellent for bee pasture. **Pkt., 5 cts.; oz., 10 cts.**

BASIL, SWEET. For flavoring soups, pickles, etc. **Pkt., 5 cts.; oz., 15 cts.**

CARAWAY. Good in soups, bread, liquors, etc. **Pkt., 5 cts.; oz., 10 cts.**

CATNIP. Have you a pussy? She will need this herb to keep in good health. Also fine for medicinal tea. **Pkt., 10 cts.; oz., 40 cts.**

CHAMOMILE. One of the best teas for nervousness and for young children. **Pkt., 10 cts.; oz., 75 cts.**

CORIANDER. Fine for flavoring. **Pkt., 5 cts.; oz., 10 cts.**

DILL. For flavoring pickles, vinegar, etc.; **Pkt., 5 cts.; oz., 15 cts.**

FENNEL. Sweet, for flavoring sauces. Very aromatic. **Pkt., 5 cts.; oz., 15 cts.**

HOREHOUND. Great cough remedy. **Pkt., 5 cts.; oz., 25 cts.**

LAVENDER. Sweet Lavender, for perfumes, oils, and toilet waters. Delightful placed between linen. **Pkt., 10 cts.; oz., 35 cts.**

MARJORAM. One of the best known herbs for seasoning. **Pkt., 5 cts.; oz., 15 cts.**

MINT, PEPPERMINT. Who does not know lamb with mint sauce, or mint julep? Get yours fresh instead of stale in the markets. **Pkt., 25 cts.**

PENNYROYAL. Useful for medicinal purposes.

ROSEMARY. Yields a very aromatic water and oil. **Pkt., 10 cts.; oz., 75 cts.**

SAGE (Common). For flavoring. **Pkt., 5 cts.; oz., 20 cts.**

SAVORY. Summer, used in kitchen for flavoring. **Pkt., 5 cts.; oz., 15 cts.**

TANSY. Medicinal. **Pkt., 10 cts.; oz., 60 cts.**

THYME. Broad English. Indispensable for seasoning. **Pkt., 5 cts. oz., 25 cts.**

WOODRUFF (Asperula odorata). A delightful aromatic herb used largely to flavor wine, punches, etc. **Pkt., 10 cts.; oz., 50 cts.**

COLLECTIONS OF BEST VEGETABLE SEEDS FOR HOME GARDENS

We present herewith small collections of all vegetable seeds used in the **Home Garden.** This may help those who are sometimes in doubt **what** to order for the seasons' needs.

Collections for	$3.00	$5.00	$10.00
BEANS			
Stringless Green Pod	½ pt.	1 pt.	1 pt.
Refugee Wax	½ pt.	1 pt.	1 pt.
Lima, Pole	1 pkt.	½ pt.	1 pt.
Lima, Bush	1 pkt.	½ pt.	1 pt.
BEETS—			
Crosby's Egyptian	1 pkt.	½ oz.	1 oz.
Early Model, red	1 pkt.	½ oz.	1 oz.
BRUSSELS SPROUTS—			
Improved	1 pkt.	1 pkt.	¼ oz.
CABBAGE—			
Early Jersey Wakefield	1 pkt.	2 pkts.	¼ oz.
Earliest, spring	1 pkt.	2 pkts.	¼ oz.
Savoy, curled	1 pkt.	2 pkts.	¼ oz.
Red Cabbage	1 pkt.	2 pkts.	¼ oz.
CARROTS—			
Early Scarlet Horn	¼ oz.	½ oz.	1 oz.
Chantenay	¼ oz.	½ oz.	1 oz.
CAULIFLOWER—			
Extra Early Snowball	1 pkt.	1 pkt.	2 pkts.
CELERY—			
Giant White Plume	1 pkt.	2 pkts.	⅛ oz.
Golden Plume	1 pkt.	2 pkts.	⅛ oz.
CORN—			
Country Gentleman	½ pt.	1 pt.	1 qt.
Early Cory	½ pt.	1 pt.	1 qt.
Golden Bantam	½ pt.	1 pt.	1 qt.
CUCUMBERS—			
Early White Spine	1 pkt.	2 pkts.	½ oz.
Japan Climbing	1 pkt.	1 pkt.	1 pkt.
Eggplant, Improved N. Y.	1 pkt.	1 pkt.	2 pkts.
ENDIVE, Mosscurled	1 pkt.	2 pkts.	¼ oz.
KOHLRABI—			
Improved Vienna	1 pkt.	2 pkts.	⅛ oz.
LEEK—			
American Flag	1 pkt.	2 pkts.	⅛ oz.
LETTUCE—			
Crisp as Ice	1 pkt.	¼ oz.	½ oz.
May King	1 pkt.	¼ oz.	½ oz.
Big Boston	1 pkt.	¼ oz.	½ oz.
Cos or Romaine	1 pkt.	¼ oz.	½ oz.

Collections for	$3.00	$5.00	$10.00
MELON, MUSK—			
Jenny Lind	1 pkt.	¼ oz.	½ oz.
Emerald Gem	1 pkt.	¼ oz.	½ oz.
MELON, WATER—			
Early Fordhook	1 pkt.	¼ oz.	½ oz.
OKRA—			
White Velvet	1 pkt.	¼ oz.	½ oz.
ONION—			
Southport Yellow	1 pkt.	¼ oz.	½ oz.
Mammoth Silver King	¼ oz.	½ oz.	1 oz.
Iron Head	1 pkt.	1 pkt.	1 pkt.
PARSLEY—			
Moss Curled	1 pkt.	⅛ oz.	¼ oz.
PARSNIP—			
Improved Hollow Crown	1 pkt.	¼ oz.	½ oz.
PEAS—			
Alderman	½ pt.	¾ pt.	1½ pt.
Gradus	½ pt.	¾ pt.	1½ pt.
Improved Telephone	½ pt.	¾ pt.	1½ pt.
PEPPER—			
Chinese Giant	1 pkt.	⅛ oz.	¼ oz.
Bull Nose	1 pkt.	⅛ oz.	¼ oz.
RADISH—			
French Breakfast	1 pkt.	½ oz.	1 oz.
Crimson Giant	1 pkt.	½ oz.	1 oz.
Icicle	1 pkt.	½ oz.	1 oz.
Black Spanish	1 pkt.	½ oz.	½ oz.
SALSIFY—			
Mammoth Sandwich Island	1 pkt.	½ oz.	1 oz.
SPINACH—			
New Zealand Summer	1 pkt.	1½ oz.	3 ozs.
Long Standing	1 pkt.	1½ oz.	3 ozs.
SQUASH—			
Extra Early White, Bush	1 pkt.	⅛ oz.	¼ oz.
Improved Hubbard	1 pkt.	¼ oz.	½ oz.
English Vegetable Marrow	1 pkt.	¼ oz.	½ oz.
TOMATO—			
Dwarf Stone	1 pkt.	⅛ oz.	¼ oz.
Livingstone Globe	1 pkt.	⅛ oz.	¼ oz.
Ponderosa	1 pkt.	⅛ oz.	¼ oz.
TURNIP—			
Early Snow Ball	¼ oz.	½ oz.	1 oz.
Purple Top	¼ oz.	½ oz.	1 oz.
HERBS, Thyme, Lavender, Fennell, Marjoram, Sage, each	one pkt.		

Collections are Postpaid

JAPANESE VEGETABLES

The Japanese as a nation are almost entirely vegetarians. Very little meat is used by the general public, their food consisting of fish and vegetables. They are also known as most expert gardeners and their vegetables attain a perfection of growth and flavor which must be tasted to be appreciated. We give herewith a list of the best, all having been tested by the Department of Agriculture and recommended by that body as being highly suited to the divers climates of the United States.

CHINESE WHITE CABBAGE

Of all vegetables grown by the Chinese, their Cabbage is acknowledged as being the best. The feature in which they excel as compared with other sorts is their ready growth.

Experiments conducted by the Department of Agriculture have shown the Chinese Cabbage adapted to almost any section of the U. S. Warm days and cold nights are the most favorable to their production. The Chinese Cabbage is attractive in appearance, excellent in flavor, easy to digest and free from all offensive odor when cooking. They are splendid in soups or boiled like cauliflower, but should not be cooked as long as our common cabbage. If boiled too long the Chinese cabbages become unduly soft, whereas if cooked a little underdone they retain their form intact. Used for a salad or slaw, they have none of the pungent taste characteristic of the common cabbage. Germans who have resided in China have converted them into their favorite Kraut and declare it fully equal to that produced in their own country. **Trial pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.**

KOREAN CABBAGE

Native of Korea. In all particulars similar to the Chinese, but will grow in latitudes where the Chinese will not succeed as well. Is extremely hardy and remarkably free from insects. Has a most delicious sweet flavor. **Trial pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.**

JAPANESE CARROT (New)

Grows to a length of 2 feet. Mild, sweet flavor. **Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.**

JAPANESE CLIMBING CUCUMBER

Is so well known it hardly needs any description. Introduced some years ago, it is now a standard variety of the Cucumber class. The fruits are thick, oblong, the flesh pure white, the skin dark green, turning brown and netted when ripe. While all Cucumbers are creeping vines, this variety attains nearly twice the length of ordinary sorts and can be grown on trellises, fences, or poles. Bears abundantly throughout season and is unsurpassed for slicing or pickling. **Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.**

JAPANESE CUCUMBER (Konomon)

A most delicious, fine flavored Cucumber. Vigorous vines. The fruits are long, thick, flesh white, outer skin bright green, turning darker when ripe. **Trial pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., 75 cts.**

JAPANESE EGGPLANT

The Japanese Eggplants are in point of flavor superior to any of the larger and coarser varieties. Small in growth, the delicacy of their flesh will entice any one giving them a trial to consider them a necessity for the vegetable garden. **One trial will convince you.**

ROUND or OBLONG. Rich, shiny purple. **Trial pkt., 10 cts.; ¼ oz., 20 cts.; oz., 60 cts.**

JAPANESE LEEK (Nebuka)

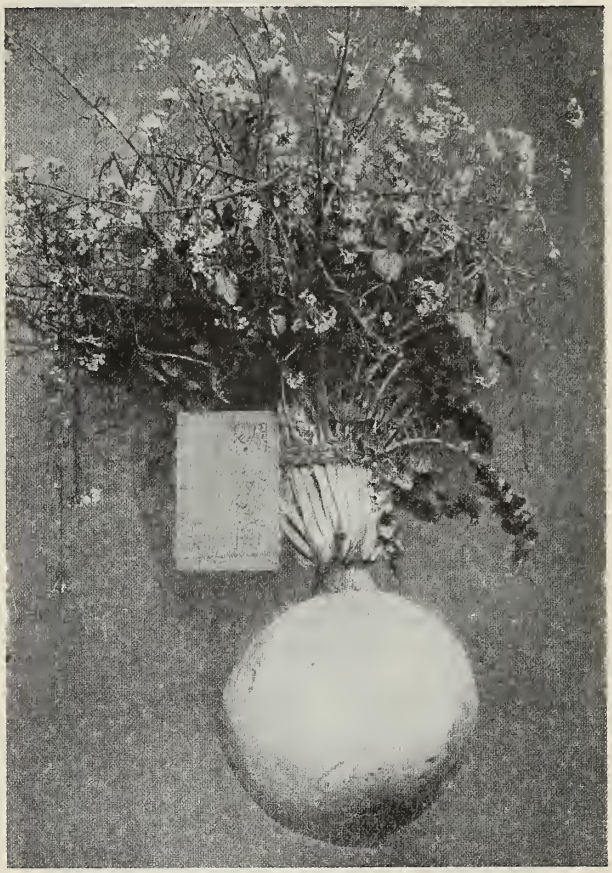
The most delicate and tender deliciously flavored leek grown. Delightful in its young state as a salad or eaten raw, having none of that offensive, strong taste so undesirable in young onions or leeks. The flavor is smooth, sweet, and appetizing. **Trial pkt., 10 cts.; ½ oz., 30 cts; oz., 50 cts.; ¼ lb., $1.75.**

JAPANESE MUSTARD

Leaves are twice the size of the ordinary sort. Color a deep green, flavor pleasant, sweet, and pungent, fine for seasoning roasts. **Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.**

JAPANESE PUMPKIN (Chirimen)

Unsurpassed in flavor. A mine of sweetness for **pie filling.** Just try it once and you will want to grow a field of them next season. Fruits are large, round, and "oh, so tender!" The fruits have only few seeds. **Trial pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., 90 cts.**



Radish — Sakurajima

JAPANESE PEPPER

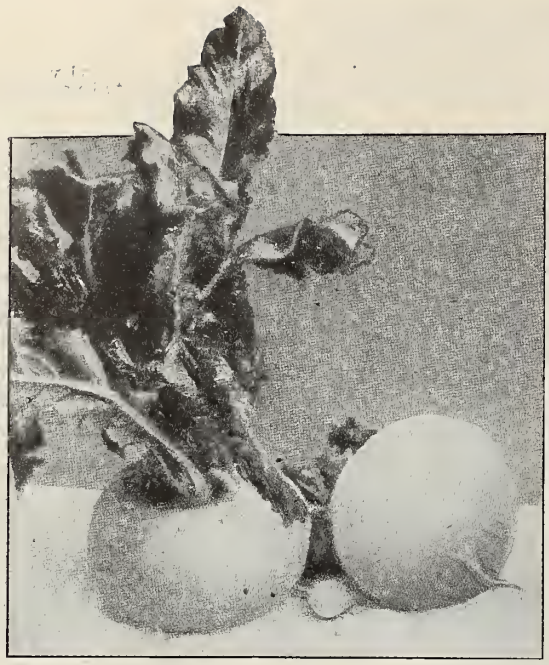
Very piquant and prolific. Longish slim fruits, of sweet flavor. Delightful in green state for seasoning, unexcelled in dry state. **Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.25.**

JAPANESE RADISH (Sakurajima)

A Japanese Radish which grows to immense proportions. Picture to yourself a pure white radish the size of a base ball and even larger, firm and solid. Cut it, and you find that it has the consistency of a Baldwin apple, firm and fine of grain; taste it and it proves to be ahead of the best spring radish that ever passed your lips. It will thrive at any season during the growing year. May be transplanted or left to itself, cultivated or uncultivated; it is as good to eat when in bloom as in its younger days, and one radish will provide bulk enough for three or four people. Need more be said? This Radish forms its fruits later than other radishes. If sown in fall the fruit will be best in early summer, but if sown in spring it will not be ready until late fall. **Trial pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., $1.00.**

JAPANESE RADISH (Mikado)

This surpasses in sweetness of flesh, even the well known Sakurajima. "**Mikado**" grows to a length of 12 by 3 to 4 inches in circumference. The flesh is pure white, and of an indescribable sweet and delicate flavor. **Once** grown always grown. **It never grows** pithy. Finer than **Icicle** or **Lady Finger. Try it. Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 80 cts.**



Japan Turnip

JAPANESE MUSKMELON (Kinimakuwa)

Melts in your mouth. In growth and appearance slightly resembling the Nutmeg Melon. The flesh is golden yellow, aromatic, fragrant, sweet, and delicious. **Trial pkt., 10 cts.; ½ oz., 20 cts.; oz. 30 cts.; ¼ lb., $1.00.**

JAPANESE ONION

A very delicate smooth, white skinned sort. The flavor is particularly sweet, without any rankness, much used in Japan in its young state, when it can be eaten raw. It attains the size of a large peach, is a good keeper and in every way most desirable. **Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.75.**

JAPANESE MAMMOTH TURNIP (Shogoin)

Compare in size with the hen's egg shown in foreground of picture. Like the Sakurajima Radish, this Turnip attains large proportions without impairing the sweetness of its flavor and the delicacy of grain and taste. Ripens early and is a splendid keeper. A great acquisition to the home garden and of immense value to the farm. **Trial pkt., 10 cts.; ½ oz. 15 cts.; oz., 30 cts.; ¼ lb., $1.00.**

JAPANESE BEANS

Japanese Beans, listed below, are all of the bush variety, and acknowledged by many of our customers, who have grown them now for some years, to be in **every respect** equal, in some superior, to any other varieties known. They are mellow, of a most sweet flavor, highly productive and **hardy. Require same treatment** as other beans. **Give them at least a trial.**

CHAIN GEM. Large flat bean, light brown, resembling Kidney beans, **Pkt., 10 cts.**

HIRA - MAME. Equal to the **choicest** Black Wax bean. A great cropper.

MIDSURA INGEN. Large speckled bean, similar to our Cranberry.

MITO. A very sweet, small, white bean. Unsurpassed in green and dry state.

SORA-MAME. A large, flat, light brown bean, when cooked like the most delicious Lima Bean.

TWANAI. A fine speckled sort.

WHITE INGEN. A remarkably productive, tender, white bean. Price of any bean on this list, **per pkt., 10 cts.; per ½ pt., 25 cts.; per pt., 45 cts.,** including delivery.

JAPANESE RUNNER BEAN (Pole Bean)

This has been acknowledged by customers who gave it a trial as a most delicious and desirable sort. The single pods attain a length of nearly three feet, and are deliciously sweet and crisp, entirely stringless.

The delicious Long Runner Beans are no trouble to grow. As these beans have no dense foliage, the pods do not rot in wet weather. The vines need a support the same as Pole beans. They succeed in any soil, though preferring a moist, rich, sandy loam, with a clay sub-soil. Plant them in rows 3 feet apart with the hills 2 feet apart, 2 to 4 plants to a hill. Seed should not be sown until all danger of frost is over, about early April. Cultivate frequently during the early stage of growth, but do not cultivate too deep, and never when the soil or the plants are wet. The Long Runner Beans continue to produce pods until frost, if not allowed to produce seed, and cultivation is kept up. For the table the young pods are broken into pieces and cooked like snap Beans, making a delicious vegetable dish.

Japan Runner Bean

The flowers of these beans are light rose color, resembling Sweet Peas, being almost as large. The foliage is dark green, separated in 3 leaflets (See illustration). **Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.25.** The seeds are the size of a large Lupine Seed, many going to one ounce.

JAPANESE PEAS

These are gaining steadily in favor. Orders have grown from season to season, these sorts having been found especially productive, extremely **hardy** and of a superior melting sweet flavor. We list **only the very best** sorts.

AO-DAIDSU. Bears a heavy crop of broad, dark green pods, filled with remarkably fine **wrinkled** peas, **extra early,** producing a multitude of large, closely filled pods of delicious flavor. One of the **best.**

YENDO. Two weeks later than Ao-Daidsu. A delicious wrinkled sort, very robust, prolific, bearing an abundance of large well-filled pods, the peas melting in your mouth.

BAKA-SHIRA. A grand dwarf Pea bearing an abundance of pods, well filled with even-sized round Peas. Fine flavor.

AO-SHIRA-DAIDSU. A grand Pea. Sturdy plants, bearing a large crop of handsome lightly curved pods, filled with 7 to 8 large, round, green peas. Rich flavor. One of the best round seeded varieties.

Any of the four sorts listed **per pkt., 10 cts.; ½ pt., 25 cts.; pt., 45 cts.** Prices Include delivery.

A Talk with Beginners

(The Veterans in Garden Lore can pass this)

RAISING FLOWERS FROM SEED

The most fascinating way, and the one which will give the best results, it being Nature's own mode of reproduction, is to raise plants from **seed.** To do this successfully, it is necessary that certain essential points be well cared for.

1, and foremost. **Be sure** to secure **good, true,** highly germinative seed.

2. Have good care that your soil is well prepared, well drained, before sowing the seed.

Prepare your soil by digging it up to a depth of at least a foot; incorporate into it some old, well rotted manure, and if the soil is very heavy and clayey add a portion of sharp sand and leaf mold. This will help to make it porous and the young rootlets will be able to find food. Break the surface evenly before sowing. If the weather is dry, give a gentle watering several hours before sowing the seed. Take care that the water penetrates the soil to the depth of a few inches, **but do not soak the soil.**

Sow the seed in drills or scatter it thinly, gently pressing the seed into the earth, then cover lightly with finely sifted soil.

A good general rule for the depth as to which seed should be planted, is

to cover the seed with a layer about four times the size of the seed. Keep the soil **moist** but **not sodden** until the young seedlings appear. For delicate seeds, especially during warm weather, we recommend a light shading. Use for this branches of evergreens or cheesecloth stretched on small stakes. When the seedlings are large enough to handle, which is generally after they have made their second leaves, thin out freely, leaving plenty of space for each individual plant to develop. If allowed to grow up en masse the plants grow weak, spindly, and often refuse to bloom. Attend to the thinning during dull, moist weather or after sunset. As a rule for thinning out plants, it is good to allow half the space for the natural height of the full grown plant. Thus you will allow six inches space for plants attaining one foot when full grown.

Many hardy annuals may be sown as late as **August** and **September** for early spring flowering the following season. These require protection during the winter.

Sweet Peas, for instance, can be sown in autumn. **Half Hardy Annuals** and **Tender Annuals** should be sown from February to April in the house or in frame. Shallow seed pans, boxes or pots can be used for this. The soil should consist of good garden loam mixed with a small quantity of sand and leaf mold. Good drainage is most essential and the soil must be well sifted.

The seed after sowing must be pressed down gently and covered with finely sifted soil, after which it should be watered with a fine hose or sprayer to prevent the washing away of soil. Cover each receptacle with a pane of glass, thus preserving moisture and warmth to start the seed. Where glass is not available, blotting paper that has been well dampened will answer. The glass and the paper must be removed as soon as the seedlings show up. Very fine seeds such as Begonias, Lobelia, Calceolaria, etc., need barely any covering beyond the glass or paper.

As soon as the seedlings are well grown and strong enough to handle, pick out and transplant to pots, boxes or in the open ground, weather permitting, wherever sowing in the house is not convenient.

Hardy Perennials flower a little the first year from seed and increase from year to year. They attain their full growth the second year. Where flowers are desired the first season, sow the seed in the fall of preceding year as described above.

ANNUAL FLOWERS

Are **one** summer season's gay floating banners. Can be sown early in the house to obtain **very** early bloom, or right outdoors where they will bud, bloom, and die when frosts appear. They are like butterflies gaily swinging in the sunshine and disappearing with the cold winds. They ripen their seeds before dying, leaving a memory and a promise for the coming year. Many are **self sowing** and wherever they blossomed one season, reappear the following.

Half Hardy Annuals are more tender than the **hardy** sorts. The half hardy sorts, to secure **early** bloom, must be sown in either a hotbed or in boxes in the house **early** in season, January to March. We designate in the following list **only** the **Half Hardy Annuals**, all others being **Hardy Annuals.**

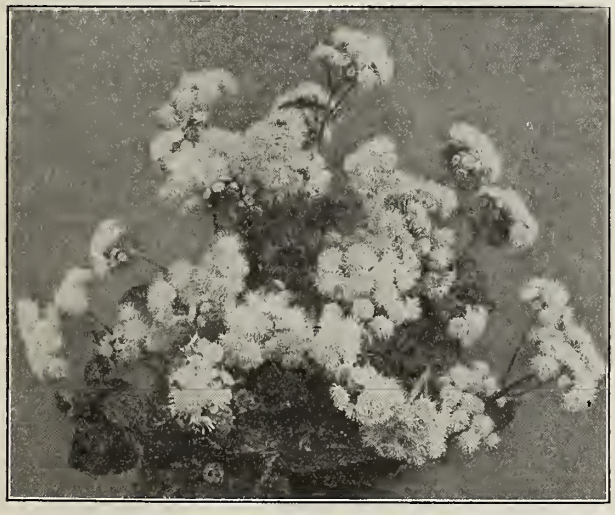
We recommend sowing of **Annuals** especially where **one** season's flowers are desired, for instance: in **rented** homes, near the seaside, or wherever seasons are **short.**

	Per pkt.
ABRONIA Umbellatum grandiflora. Sand Verbena. A most charming succulent plant, verbena-like flowers in umbels, very fragrant, color bright rose with white centre. Thrives in the poorest soil, loves sunshine, needs but little moisture. Ht., 4 inches	**Oz., 30 cts. .$0.10**

AGERATUM Half Hardy Annual

A very popular bedding plant, covered throughout the season with delicate feathery blooms, in umbels, completely hiding the foliage. Must be sown indoors for **early** bloom. Sown out-of-doors the plants would not come into flower till late summer. The dwarf sorts are especially desirable for edging or carpet bedding, the tall sorts are unequalled for bouquets, etc.

	Pkt.
Ageratum Mexicanum, Tall blue. Ht., 1½ feet..**¼ oz., 20 cts.**	.05
Tall white. Ht., 1½ feet.....**¼ oz., 20 cts.**...	.05
Mauve Beauty. Very free flowering, compact, large mauve flowers. Ht., 9 inches.....**¼ oz., 25 cts.**...	.10
Swanley. Blue, dwarf, very fine. Ht. 9 inches..**¼ oz., 20 cts.**...	.10
Dwarf white. Ht. 9 inches.....**¼ oz., 20 cts.**	.10
Little Blue Star. Miniature plant, completely hiding foliage with a mass of small mauve flowers. Beautiful for edging,rockwork, etc. Ht. 5 inches.....**Trial packet 10 cts.**...	.25



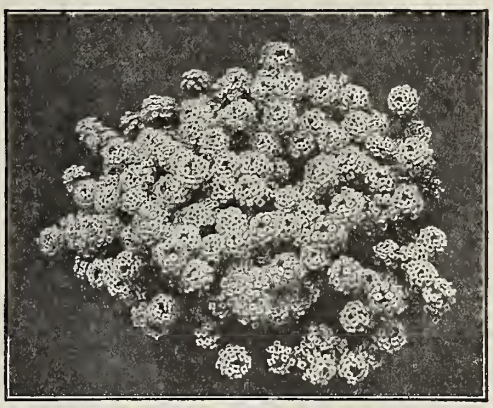
Ageratum, Dwarf, Little Blue Star

	Pkt.
ADONIS AESTIVALIS (Flos Adonis). Foliage finely cut, brilliant scarlet flowers. Does well in partial shade and can be sown successfully in any corner of the garden. Ht. 1 ft.....**Oz. 50 cts.**...	.10
AMBERBOA MURICATA ROSEA. A beautiful Hardy Annual. On stems two feet long, the light rosy pink cornflower-like blossoms are produced in great numbers throughout the season. Fine for cutting, last a long time kept in water...**Trial packet 10 cts.**...	.25

ALYSSUM

One of the very best and most useful annuals. Invaluable for cutting; extensively used as border plant, for rockwork, bedding, etc. Flowers incessantly from early summer till latest fall.

Benthami (Sweet Alyssum). Flowers honey sweet-scented, pure white. 10 inches.....**Oz., 30 cts.; ¼ lb., $1.00**.....	.05
Little Gem. Dwarf, white. 4 inches.....**Oz., 75 cts.**...	.05



Sweet Alyssum Little Dorritt

Little Dorritt. This new sort forms a perfect little bush with masses of purest white flowers. A gem for edging. 4 to 5 inches. **Oz., 75 cts.**...	.10
Carpet of Snow. Very dwarf, attaining 3 to 4 inches. Profuse bloomer, deliciously fragrant.....**Oz., 65 cts.**...	.10

AMARANTHUS Half Hardy Annual

Very showy annuals. The brilliant foliage is most effective in borders, and in subtropical gardens. Fine for decorations.

	Per pkt.
Caudatus (Love Lies Bleeding). Drooping crimson flowers in long racemes. 3 feet.....	**Oz., 25 cts..$** .05
Cruentus (Prince's Feather). Dark red.....	**Oz., 25 cts.**... .05
Melancholus ruber. Rich bright red. 1½ feet...**Oz., 50 cts.**...	.05
Salicifolius (Fountain Plant). Graceful long undulating foliage marked carmine, orange and bronze. 4 to 6 feet. Most beautiful.....**Oz., 40 cts.**...	.05
Tricolor (Joseph's Coat). A grand ornamental foliage plant. The leaves are beautifully marked orange, scarlet, crimson, bronze, and golden. 2 feet.....**Oz., 25 cts.**...	.05
All sorts mixed.....**Oz., 25 cts.**...	.05
ANCHUSA CAPENSIS (Cape Forget-me-not). A charming annual with azure blue flowers. 1½ feet. May be likened to a Giant Forget-me-not.....**¼ oz., 25 cts.**...	.05
BOCCONIA JAPONICA (Plume Poppy). Ht. 6 to 8 feet. Tall flower stems, with terminal panicles of creamy white flowers. Large glaucous leaves. Very useful for background in large borders or beds.....**Oz., 40 cts.**...	.05

ARTEMISIA SACCORUM VIRIDIS

Summer Fir

Per pkt.

An invaluable foliage plant introduced from China. Is an annual, but owing to its phenomenal rapid growth, reaches its full size in one season, forming grand pyramidal bushes 4 to 5 feet high. Standing by itself it resembles a very nicely grown Christmas tree. It also makes a most attractive pot plant. It looks superb when grown in groups or along walks and borders similar to Kochia Tricophylla the Summer Cypress. The color of the finely pinnated foliage is dark green. It is absolutely insensible to heat and drought. Several degrees of frost do not harm it. The plant grows anywhere and is of the easiest culture **$0.10**

Here is a letter written us by a customer in Chicago:

January 12, 1914.

I ordered in 1913 some seed of your *Artemisia sacc. viridis.* It turned out to be one of the prettiest things I ever saw. A shrublike herbaceous plant with beautiful fine foliage, something like Kochia, but not so bushy and **vastly** more beautiful. It has a fine Lemon Verbena-like odor, that is really exquisite. Dr. W. W. S.

ARCTOTIS GRANDIS (Half Hardy Annual). 2 feet. A uniquely beautiful species from southwest Africa, whose charm is as yet not sufficiently known. The plant is of branching habit, with very pretty grayish foliage, the flowers are daisy-like, large, on long stiff stems rising well above the plant. The individual blooms are white petalled, the centre showing a narrow **yellow ring,** surrounded with a bright lavender blue disc. So distinct that folk never pass it by. Grows anywhere. It is very showy and invaluable for cutting, lasting long in water..... **¼ oz., 35 cts...** **.10**

ASTERS

One of the most beautiful flowers for midsummer and fall. Wherever they bloom they are glorious. Diverse in form and color it is almost impossible to do them full justice in limited space. We have made a selection of the **very** best, the most beautiful and the **hardiest** sorts. To give **satisfaction** Asters must be sown **early** for **early bloom** while for later flowers the seed can be sown in open ground Good culture is essential to enjoy fine flowers, and the seed should be sown at intervals to enjoy a succession of flowers. Insects are likely to annoy the young plants. Look out for them in time to prevent their spreading too much Use any of the insecticides recommended in our list for insects, especially Aphine or, which is most effective, pick off the beetles in the early morning as they feed on the plants at that time As fertilizer use in preference to any other, pulverized sheep manure, or bone meal can be equally recommended. Allow your plants plenty of room, the rows should be three feet apart and the plants fully fifteen inches. This may be modified according to size of varieties.

EARLY ASTERS

Queen of the Market. This is the earliest flowering sort. Flowers are large, on long stems, petals rather flat and straight. Last a very long time after cutting. We offer the most carefully selected strain in following colors: White, Bright Rose, Shell Pink, Light Blue, Dark Blue, Reddish, Lilac, Bright Scarlet.
¼ oz., 75 cts.; ⅛ oz., 50 cts...$0.10

Aster—Mauve Queen

NEWEST AND CHOICEST SORTS OF RECENT INTRODUCTION

Per pkt.

Cactus Aster Celestine. Early flowering, with narrow petals nearly 2 inches long, twisted at the end, resembling the Cactus Dahlias. Color the softest, purest lilac. Plant of pyramidal habit, branching a few inches above the ground, throwing out 15 to 20 strong side shoots covered with bloom. A grand acquisition..**3 pkts., 40 cts..$0.15**

Hercules. Brilliant rose. Flowers perfectly curled and waved, 5 to 6 inches across. Flowers borne on thick, strong stems, ht., 16 to 20 inches. This is one of the most perfect Asters grown.
3 pkts., 40 cts... **.15**

Noble Aster. Pure white, indescribably beautiful, curled and twisted like a **Cactus Dahlia,** very long stems, large flower.
⅛ oz., $1.00.. **.15**

Lavender Gem. Blooms in midseason. Flowers a soft charming shade of lavender, resembles a beautiful Chrysanthemum. Belongs to the Ostrich Plume type.....**⅛ oz., $1.00..** **.10**

Miss Roosevelt. A beautiful new Victoria Aster. Flowers are a clear primrose tint changing to a delightful flesh color. A splendid flower for decorating, showing brilliantly under artificial light.
⅛ oz., 75 cts... **.10**

Triumph of Paris. Flowers 4½ to 6 inches across, with long, pure white outer petals, in centre of which the quilled disk florets form a bright golden wreath..... **oz., $1.00...** **.10**

MAMMOTH MAUVE QUEEN. The unique color of this variety is best described as a rich pearl gray, or the color of Sweet Pea Countess of Radnor. The flowers, as picture shows, are of perfect form, very double, on long, firm stems.....**⅛ oz., 75 cts...** **.15**

White Mikado. Large, shaggy, white flowers formed of petals twisted and curled like the most beautiful Chrysanthemum. The plants are of spreading habit similar to branching sorts One of the earliest midseason Asters.....**⅛ oz., 75 cts...** **.10**

Pink Mikado. The most enchanting shade of true shell pink. Petals are long, narrow, reflexed, curling across each other; in fact, the fluffiest Aster we know. Growth very vigorous, remarkably free from disease.....**⅛ oz., 75 cts...** **.10**

Toison d'or (Golden fleece). In this grand novelty has been found the color so long wanted amongst Asters. It is the most striking brilliant yellow color, perfect in form and habit.**Trial pkt., 10 cts.** **.15**

Violet King. The peer of the grandest Chrysanthemum. Petals large and broad, completely covering the crown. Bloom is round, full and large; color is the most soft violet lilac....**⅛ oz., $1.00..** **.10**

MIDSUMMER VARIETIES OF ASTERS

Truffeaut's Pæonia-flowered. Exceptionally large blooms, freely produced on stems 18 to 20 inches long. Branching habit. Blooms in August. This sort produces the finest incurved bloom, globular form 3 to 3½ inches in diameter. One of the **finest** Asters. We furnish this sort in following separate colors: White, Light Blue, Dark Blue, Rose, Shell Pink, Crimson, Fiery Scarlet.

	Per pkt.
¼ oz., $1.00; ⅛ oz., 60 cts...	.10
Mixed Shades.....oz., $3.00; ¼ oz., $1.00; ⅛ oz., 50 cts...	.10

Hohenzollern or Ostrich Plume. A beautiful variety with long wavy petals of greacful form. Invaluable for cutting, of a particularly pleasing character. We offer in following assortment of separate colors. Pure White, Shell Pink, Light Yellow, Rose, Mauve, Dark Blue, Salmon Pink, Terra Cotta.

¼ oz., $1.25; ⅛ oz., 80 cts.;..	.10

New Giant Comet. Most beautiful elegant flowers with long wavy and twisted petals like Japanese Chrysanthemums. They are magnificent used for table decoration when cut. They are long stemmed, of perfect habit. We offer in following, separate colors: White, Flesh Color, White passing to Light Blue, Rosy Lilac, Azure, Blue, Dark Blue, Peach Blossom, Crimson, Deep Rose, **Rare** Light Yellow.....¼ oz., $1.00; ⅛ oz., 60 cts... .10

Mixed colors.....¼ oz., 85 cts; ⅛ oz., 50 cts... .10

Victoria Improved. Enormous flowers very double, beautifully recurved petals. A truly **Queenly Aster.** 2 feet high. We offer the following separate colors: White, Light Blue, Dark Blue, Apple Blossom, Salmon Pink, Peach Blossom, Royal Purple, Fiery Scarlet.....¼ oz., $1.00; ⅛ oz., 50 cts... .10

Mixed Shades.....¼ oz., 85 cts.; ⅛ oz., 45 cts.

We also can furnish **Dwarf Victoria** Asters in all shades of the **Victoria** at same price. These attain a height of 10 inches.

CREGO ASTERS

This class of Asters is so unique that we feel it should have a section all to itself. Of free, sturdy growth, attaining a height of 2 to 2½ feet. The foliage a glossy green, the branches bearing literally in masses the most graceful fluffy flowers rarely less than 4 inches across, as beautiful as the most exquisite Chrysanthemum, keeping in good condition longer than any other Aster of this type. Blooms August to late frosts.

	Per pkt.
Crego Giant. Pure glistening white.....¼ oz., $1.00..	$0.10
Crego Giant. Lavender.....¼ oz., $1.00..	.10
Crego Giant. Rose-pink. Of the most charming shell-pink. These three shades planted and blooming together on one bed offer a picture and color effect of entrancing beauty.....¼ oz., $1.00...	.10
Crego Giant. Mixed.....¼ oz., 75 cts...	.10

SINGLE ASTER—JAPAN STAR

Large, star-shaped single flowers. A rival to the beautiful single flowering Japan Chrysanthemums. The small central yellow disk is surrounded by a wreath of long, quilled ray petals or florets, lending the flower an uncommonly bizarre and graceful effect. The plants are very hardy, of branching habit, throwing a quantity of strong side stalks right up from the main stem. For cut flowers these blooms are unique, lasting for many days in water. They flower early, lasting all through summer and far into fall until late frosts kill them. Ht., 2 ft. **One of the greatest Novelties of 1914. Pure white or rose, each .....Trial pkt., 10 cts.; pkt., 20 cts.**

ASTER ELEGANCE

	Pkt.
The most beautiful strain of single Asters ever introduced. Unsurpassed as a bedding variety of striking, showy appearance; preferred by many to the showiest double Aster on account of their chaste beauty, and their great value as cut flowers. Plants are tall, 2 feet, and more, very vigorous, free from disease, the foliage is long, elegantly waved and the single flowers borne on long, erect stems. Petals are beautifully twisted. Pure White, Apple Blossom, Soft Lavender, Deep Rose. Mixed ¼ oz., 50 cts...	.10

LATEST SORTS OF ASTERS

Per pkt.

American or Semple's Branching. (Late.) These are the latest flowering Asters. Flowers are immense, borne on long branching stems. 2½ feet high. We offer following separate colors: White, Shell Pink, Rose, Light Blue, Dark Blue, Crimson, Scarlet.
¼ oz., 75 cts.; ⅛ oz., 40 cts... .10

The True Chinese Single Aster. This forms branching bushes from 2 feet high producing a profusion of handsome, showy flowers, 3 to 4 inches across. The colors vary from white through all shades of rose, lavender, to deep purple. All have golden hearts or centres. Very hardy. They bloom at a time when mostly all other flowers are gone. They can stand a good deal of light frost. They last a long time when cut and nothing excels them for decoration. Used with autumn leaves, bowers of floral beauty can be formed. They may be well called **Autumn's Diadem.** You cannot plant too many of them for your garden's Autumn Glory. Lavender, Violet, Rose, Pure White, Deep Apple Blossom.
¼ oz., 30 cts.; oz., $1.00 . .10

Mixed. The collection of 5 sorts for 40 cts.

BRACHYCOME Half Hardy Annual

Per pkt.

Swan's River Daisy. Charming dwarf plant, 6 to 9 inches, fine for bedding, edging, and for rockwork.....$0.10

Little Blue Star. Flowers are a beautiful, brightest blue, covering almost to exclusion of foliage the compact little bushes. Each flower is perfect and starshaped..... .10

Little White Star (Novelty). Pure white, very charming grown together with the blue sort. Trial pkt., 10 cts..... .25

BROWALLIA Half Hardy Annual

Speciosa Major. A very beautiful, profusely flowering sort with bright violet blue flowers of large size. Very useful for summer bedding. If sown in summer the plants will flower in the house during winter. Ht., 1½ feet.....¼ oz., 35 cts... .10

Elata cærulea grandiflora. Bright blue, very good for cutting.
¼ oz., 35 cts... .10

Elata alba. White variety.....¼ oz., 35 cts... .10

Mixed. All shades.....¼ oz., 30 cts... .10

BEGONIA SEMPERFLORENS Half Hardy Annuals

Bedding varieties. More valuable than the much used and popular **Geranium.** More floriferous, more **showy**, more effective. The habit of these Begonias is more graceful and pleasing than any other richly flowering bedding plant. The plants grow to a height of 7 to 10 inches, are very compact, the fine waxy, bright green or bronze foliage is smothered in a real avalanche of riotous brilliant bloom. These plants have another most desirable advantage. They succeed equally well in **sunshine** and in **shade.** Allow about 7 inches space for each plant.

Begonia Vernon. Bronze foliage with deep scarlet bloom.
Vernon rosea. Bloom is a bright rose.
Vernon alba. Pure white bloom.

Begonia Semperflorens.
Gracilis rosea, deep green foliage, bright rose flowers.
Gracilis Luminosa. Reddish-brown foliage. Fiery scarlet bloom.
Gracilis Salmon Queen (Novelty). The buds when closed are a deep salmon color, opening, they gradually assume a lighter shade of beautiful salmon pink. Pkt.
Trial packets of any on this list of Begonias, **10 cts. ... Large pkt., $0.25**

Seeds of all above sorts sown in winter in the house will flower early in same summer. If sown during summer will flower in the house in winter.

BALSAM Half Hardy Annual

LADY SLIPPER

One of the oldest known and favorite garden flowers. Anybody can grow it, it is of such easy culture. Succeeds best in rich soil. Bears in the axils of the leaves gorgeously colored flowers, single or double. Can be sown outdoors in May. Blooms two months from sowing, continuing a long time in bloom. Lovely for pots or bedding. Height 1½ to 2 feet. White, Peach Blossom, Lavender, Crimson, Yellow, Scarlet, Deep Rose, Spotted Varieties.
Collection of seven pkts., **60 cts.**..... .10

Mixed .....Oz., 30 cts... .10

CALENDULA

Exceedingly attractive and showy, especially adapted for the wild garden. Blooming all summer, closing somewhat with approach of night, opening slightly on cloudy days, but flaunting its bright blossoms to the sunshine wide open. The plants reach a height of two feet and the color of flowers is very showy, not surpassed by anything in flower land.

Per pkt.

Lemon Queen. Clear lemon yellow.....Oz.; 25 cts...$0.05
Meteor. Orange, striped primrose.....Oz., 25 cts... .05
Pongeii. Double white.....Oz., 30 cts... .05
Prince of Orange. Deep orange.....Oz., 25 cts... .05
Mixed Sorts, all double.....Oz., 25 cts... .05

CALLIOPSIS or COREOPSIS

One of our very best hardy and satisfactory Annuals. Grows luxuriantly in any location, making a very showy effect and color spot in bed or border, supplying masses of most brilliant flowers for cutting and decorations. Water freely, especially when in bloom.

Per pkt.

Bicolor tinctoria. Deep, golden with maroon, reddish centre. 2 to 2½ feet.....Oz., 30 cts...$0.05
Atrosanguinea. Dark velvety scarlet maroon . Oz., 30 cts.... .05
Drummondi Golden Wave. Golden yellow with brown centre.
Oz., 30 cts.... .05

Radiata Tigerstar. A rich continuous blooming variety with very showy singular flowers. Each leaflet is twisted like those of a Cactus Dahlia. Towards the centre the flowers show a vivid reddish brown, the other part being brilliant golden yellow, tigered like the Odontoglossum Orchids. Plants reach a height of 18 inches, forming round, compact bushes covered throughout summer with these gorgeous blossoms. Modest as to soil; very easy to grow.
¼ oz., 50 cts... .10

Finest mixed, annual tall sorts.....Oz., 30 cts... .05

DWARF SORTS

Tom Thumb Beauty. 8 in. high, flowers golden yellow with crimson centre, very compact. A gem for bed or border. ¼ oz., 30 cts... .10
All sorts, mixed ..... .05

Calliopsis Tiger Star

CELOSIA Half Hardy Annual

COCKSCOMB

Celosia Cristata. Flowers produced in large cock's comb-like heads of gorgeous colors. Highly ornamental for border and bedding, also beautiful for potplants. Delights in warm sunny positions.

	Per pkt.
Glasgow Prize Crimson	$0.10
Rose Empress, beautiful rose tint	.15
Sulphur Yellow	.15
Finest Mixed	.10

OSTRICH PLUME COXCOMB

For ornamental purposes this class is of the most striking beauty. The entire plant is covered with rich plumes of most striking colors. Very useful for decorating. Used in bedding and borders.

	Per pkt.
Scarlet, 2 feet. ¼ oz., 60 cts.	$0.10
Crimson ¼ oz., 60 cts.	.10
Yellow ¼ oz., 60 cts.	.10
Choicest Mixed ¼ oz., 50 cts.	.10

Celosia Ostrich Plume

CANDYTUFT

A most valuable annual bedding plant. Seeds can be sown at once where the plants are to flower. The flowers are similar to Sweet Alyssum, but much stronger and larger, the plants taller. All are sweet scented.

		Per pkt.
Hyacinth flowered. Large pure white spiral spikes		
Empress. One foot. Pure white pyramidal	Oz., 50 cts.	$0.10
White Rocket. Large trusses	Oz., 30 cts.	.10
Umbellata carnea. One foot. Flesh colored	Oz., 40 cts.	.05
" **carminea.** One foot. Bright carmine	Oz., 40 cts.	.05
" **Queen of Italy.** Light lilac; very free flowering	Oz., 50 cts.	.10
" **Rose Cardinal.** Very rich striking color; quite distinct, deep rosy cardinal	Oz., $1.25	.15
Large flowered Hybrids. Mixed	Oz., 25 cts.	.05

Centaurea Imperialis

Indispensable as cutting material. Elegant effects for decorations. We furnish the following separate colors: Pure White, Mauve, Bright Rose, Dark Purple, Rose with White Centre, White Shaded Rose. ¼ oz., 35 cts.; per packet any separate color, 10 cts.; mixed colors, ¼ oz., 30 cts. .05

FRAGRANT CENTAUREAS (Sweet Sultan)

		Per pkt.
Margarita, pure white, very fragrant, 2 feet	Oz., 50 cts.	.10
Suaveolens, bright yellow	Oz., 50 cts.	.10
Chameleon, soft yellow and rose	Oz., 50 cts.	.10
All shades mixed	Oz., 40 cts.	.10

CENTAUREA, CORNFLOWER (Bachelor's Button)

One of the very hardiest easiest growing annuals. In fact they grow like weeds. In Europe where this flower grows wild it is found in great quantities amongst the cornfields, hence the name "Cornflower." They resow themselves year after year. Invaluable for the wild garden.

Centaurea Cyanus (Emperor William) deep blue		Per pkt.
	¼ lb., $1.00; oz., 25 cts.	$0.05
Bright rose	¼ lb., $1.00; oz., 25 cts.	.05
Pure white	¼ lb., $1.00; oz., 25 cts.	.05
All shades mixed. Single	¼ lb., $1.00; oz., 25 cts.	.05
All shades mixed. Double	¼ oz., 35 cts.	.10

CENTAUREA

WHITE-LEAVED BEDDING VARIETIES. **Dusty Miller**

These are grown especially for edging, or foliage beds. Height, 12 inches. The foliage is deeply cut or laciniated, of soft velvety texture, silvery white. Leaves thick, with the appearance of having been carved out of ivory, and in conjunction with lively colors such as **Blue Lobelias,** scarlet begonias, etc., make very effective displays. Start indoors or sow in open after frost is over.

		Per pkt.
Candidissima, broad silvery foliage	Oz., 30 cts.	$0.10
Gymnocarpa, narrow foliage	Oz., 35 cts.	.10

CHRYSANTHEMUMS

SINGLE ANNUAL SORTS

Carinatum (Summer Marguerites). These are all of great beauty and most valuable for cutting, producing sheaves of bloom, white, primrose yellow on long wiry stems.

GRAND NOVELTY SINGLE FLOWERING CHRYSANTHEMUMS

This is the grandest new race of Hybrids. Seed sown in February and March in the house, the young plants transplanted as soon as weather permits will flower early July. Their varied colors, abundant and profuse flowering until heavy frosts cut them down, will make these plants a necessity for every garden, large or small. Sown in the open ground as soon as frosts are out of the soil, they will flower by middle to end of August. For a gorgeous, royal display of colors and beauty nothing excells the single Hybrid Chrysanthemums. They require very little care planted in good soil and given water and sunshine. We have received delighted letters from our customers who planted the seed last season.

One lady writes from Seattle, Wash.: "The single Chrysanthemums, seed of which I purchased from you in March, are in full bloom, and such a display of beauty I have rarely seen."

	Per pkt.
All colors mixed ..... ⅛ oz., 75 cts.	$0.10
Morning Star. Creamywhite petals, shading to yellow, large golden centre. Ht., 1½ feet. ..... Oz., 40 cts.	.10
Evening Star. Large flowers of golden yellow. Ht. ½ ft. **Oz., 50 cts.; pkt., 10 cts.**	
Northern Star. Very showy and beautiful. Flowers measure 3½ ins. across, pure white petals shading to sulphur yellow toward centre, which has a blackish maroon disk. Ht., nearly 2 feet. **Oz., 50 cts.; pkt., 10 cts.**	
Atrococcineum. Dark velvety scarlet with inner golden ring and maroon centre disk. Very showy. **Oz., 75 cts.; pkt., 10 cts.**	
Carinatum. Single, all shades mixed. **Oz., 30 cts.; pkt., 5 cts.**	

DOUBLE CHRYSANTHEMUMS

Inodorum (Bridal Robe). Beautiful, double, pure white. **⅛ oz., 40 cts.; pkt., 10 cts.**

Bridal Robe

	Per pkt.
Golden Gem. Dwarf. 15 inches, covered with beautiful well-formed flowers of bright golden tint ..... ⅛ oz., 40 cts.	$0.10
Primrose Queen. Dwarf and compact. Fine double, of good form and clear primrose color ..... ⅛ oz., 40 cts.	.10
Mixed. Double annual Chrysanthemums Oz., 75 cts.; ¼ oz., 25 cts.	.10

CLARKIA

This superb hardy annual should be grown **anywhere** where the most **exquisite** flowers are wanted. Not sufficiently known in this country, it forms in Europe, especially in England, one of the most popular garden annuals. The foliage is a very bright green, the stems are slender and need a support or staking when growing up. The flowers are rosette-like resembling Ranunculus and of the richest tints. Like stocks **single**, semi-double, and double. Ht., 18 to 20 inches. Very beautiful for table decorations.

	Per pkt.
Clarkia Brilliant. Very bright orange, very double. ⅛ oz., 25 cts.	$0.05
Carmine Queen. Light rose carmine ..... ⅛ oz., 25 cts.	.05
Chamois Queen. Delicate pale chamois ..... ⅛ oz., 25 cts.	.05
Alba. Pure white, very double. ..... ⅛ oz., 25 cts.	.05
Purple Prince. Brilliant light purple. ..... ⅛ oz., 25 cts.	.05
Vesuvius. Intense orange scarlet. ..... ⅛ oz., 25 cts.	.05
Mixed. ..... ⅛ oz., 25 cts.	.05

Group of Cosmos

COSMOS

Grace and brilliancy are the characteristics of this beautiful flower They resemble single Dahlias with their broad petals surrounding a golden heart, borne on long, graceful stems, rising from a cloud of feathery foliage. Need a light, not too rich soil, and an abundance of moisture.

Early Flowering. These, if sown out-of-doors in May, will flower end of July. They grow 4 feet high and over, do not require staking like the late flowering sorts. Flowers are large and when cut last for a couple of weeks in water. White and rose, either color. **Per pkt. Oz., $1.00..$0.10**

Early Dawn. A magnificent sort, in tender rose, the tint of the sky before the sun appears. Delicate, yet brilliant. ¼ oz., 30 cts... .10

Mixed ..... **Oz., $1.00.. .10**

Late Flowering Mammoth Cosmos. Immense blooms which do not appear until October when most other flowers have gone to their rest. Mammoth white, Mammoth Rose, Mammoth Crimson. All colors mixed. .....**Oz., $1.00.. .10**

COSMOS LADY LENOX

A magnificent **very** large, brilliant rose sort.....**¼ oz., 50 cts.. .15**

EMMENANTHE PENDULA (California Golden Bells.) (H. A.) Pretty foliage and charming spikes of drooping sulphur yellow flowers resembling Lily-of-the-Valley. Excellent for bouquets. Ht., 1 foot. .....**⅛ oz., 25 cts...$0.10**

ESCHSCHOLTZIA

(California Poppy). One of the most popular and widely known garden annuals. Has large poppy-like flowers of the widest range of brilliant colors. Stands considerable cold and still blooms after first frosts. If well protected plants will live through the winter. **Per pkt.**

Californica. Bright golden yellow .....**Oz., 30 cts...$0.05**

Alba. Pure white .....**Oz., 30 cts.. 05**

Carmine King. Beautiful rose carmine .....**Oz., 60 cts... 15**

Golden West (Maritima). Orange yellow .....**Oz., 30 cts... .05**

Mandarin. Bright scarlet and gold .....**Oz., 30 cts... .05**

Mikado. New lustrous orange crimson, giant bloom **Oz.. 50 cts. .15**

Dainty Queen. Delicate blush or pale coral rose deepening toward the edges with a ground work of pale cream color the same inside and outside of petals. An enchanting, beautiful blossom. **Oz.. $1.00.. .10**

All shades of Eschscholtzia, mixed. .....**..Oz., 30 cts... .05**

DIMORPHOTHECA AURANTIACA

(The Orange Daisy.) One of the most beautiful and satisfactory introductions from South Africa. It is an annual of easiest culture, needing little care, thriving in any good soil. The flowers, which cover the compact bushes in greatest profusion all through summer till late fall, are fully 3 inches in diameter, of rich satin texture and a glorious orange color, made the more dazzling on account of the dark colored disk surrounded by a black zone. Grand for groups and borders. Sow the seed thickly in a warm sunny spot, thin out to 1 foot apart, or sow in drills 15 inches apart. A bed of them presents a magnificent color picture. Ht., 18 inches. **Pkt., 10 cts.; large pkt., 25 cts.; 1-16 oz., 50 cts.**

DIANTHUS

HARDY GARDEN PINKS (Annuals)

We list only the best varieties for garden use.

SINGLE HEDDEWIGI

Per pkt.

Crimson Belle. Large, beautiful bloodred .....**¼ oz., 50 cts...$0.10**

Salmon Queen. Most beautiful colors, ranging from salmon rose to rich red. Elegantly fringed. **¼ oz., 50 cts... .10**

Mephisto. A striking novelty; flowers are fringed salmon yellow or crimson ground flaked and striped maroon or scarlet, each petal having a white margin ..... **Per pkt. .10**

Vesuvius. A magnificent Novelty. Large single,, fringed flowers ranging in color from rosy scarlet to glowing orange. Ht., 10 inches.....**¼ oz., 25 cts... .10**

Queen of Holland. Very large flowers, solid white petals. Splendid for cutting .....**¼ oz., 50 cts... .10**

Superb mixture. Single Giant strain .....**¼ oz., 50 cts... .10**

Dimorphotheca Aurantiaca

DOUBLE HEDDEWIGI

Mourning Cloak. Flowers very double, velvety crimson, each petal having a white margin. 1 foot .....**¼ oz., 50 cts... .10**

Snowdrift. A grand new, very large clove scented double fringed flower, magnificent for cutting .....**¼ oz., 60 cts... .10**

Fireball. New brilliant scarlet, double flower....**¼ oz., 75 cts... .10**

Double. Finest mixed .....**¼ oz., 50 cts... .10**

Eschscholtzia—Dainty Queen

Gaillardia Sybilla

GAILLARDIA

Half Hardy Annuals

BLANKETFLOWER

Seeds sown in May will flower late July and continue until frosts. Plants grow 18 to 20 inches high and produce an abundance of flowers especially valuable for cutting. The various color effects are all flame-like and very showy, including every rich shade of crimson and bright golden yellow.

ANNUAL SORTS	Per pkt.
The Bride. A new and still rare sort. The flowers are cream white very double, borne on extra long stems making it especially valuable for cutting. ..... **Trial pkt. 10 cts.**	.25
Amblyodon sanguinea. Richest blood-red very striking. 1 foot. **Oz., 40 cts.**	.05
Lorenziana. Large, handsome flowers, quilled petals; in rich shades of red and yellow. 2 feet ..... **Oz., 50 cts.**	.05
Sulphurea. Pale yellow ..... **Oz., 50 cts.**	.05

Godetia Crimson Glow

GILIA

Exceedingly graceful early flowering plants for border and for cutting. Produces a mass of bloom long before other annuals are out of the ground. Very valuable for bees. Ht., 10 inches. Charming colors, lilac, to red and scarlet.

Mixed . . **Oz., 25 cts.** 05

"Our purpose is to manage our business with such care that our establishment will become known wherever this Catalogue reaches, as one of high integrity, where you may send with utmost reliance for anything needed in our line, with the assurance that you will be served with painstaking care and that every dollar spent will bring you full value in return."

GAILLARDIA GRANDIFLORA SYBILLA

Per pkt.

(Novelty, 1912.) This splendid, large flowering species has been created after years of careful hybridizing of several sorts. The flowers are a bright carmine red, germinating into white to light yellow points, contrasting beautifully with the dark centre. Nothing can look more rich and dazzling in effect than a group of these plants when in flower. Splendid for herbaceous border or as a single plant. Wherever seen it attracts admiration. Grows and does well anywhere. The flowers if cut last for weeks. The colors under artificial light are marvelously effective. 10

Choice Mixed annual sorts. . . . . **Oz., 40 cts.** . . .10

GODETIAS

Magnificent **hardy** annuals which compete with the Clarkias for beauty and usefulness. Easily grown, satisfied with any fairly good soil, they flower with striking effect. The **immense** quantity of bloom produced is almost incredible. Every twig is smothered with flowers of most brilliant hue.

Crimson Glow. Ht. 10 inches. Forms a compact little bush smothered with flowers of the most dazzling intense crimson. A bed of this sort produces an effect so vivid and intense, that it is impossible to describe it . . . . . **⅛ oz., 20 cts.** . . **$0.10**

Duchess of Albany. Large, pure white, same habit as the Crimson Glow . . . . . **⅛ oz., 25 cts.** 10

Mandarin. A most beautiful sulphur yellow sort . . **⅛ oz., 20 cts.** . . .10

Lady Satin Rose. The most brilliant rose. . . . . **⅛ oz., 30 cts.** . . .10

All shades mixed. . . . . . **¼ oz., 25 cts.** . . .05

Do not fail to grow a bed of **Godetias.** It will surprise and **delight** you. Also extremely beautiful for windowboxes and **pot plants.** Thousands are sold in European markets grown in pots.

GYPSOPHYLLA

For border decorations and for **cutting** this hardy annual is simply priceless. Exquisitely graceful and feathery in appearance, it is most useful in combination with other heavier flowers, and forms the most delightful addition to decorations, bouquets, etc. Sow it in open ground amongst **petunias.** The effect is charming.

Elegans. Pure white, compact. Ht. 18 inches. **Per pkt.** **¼ oz., 15 cts.; oz., 40 cts.** .10

Elegans, Rosea. Pink . . . . . **Oz., 25 cts.** . . .05

Muralis. Deep rose; exceedingly fine for rockwork. Ht. 9 inches. . .10

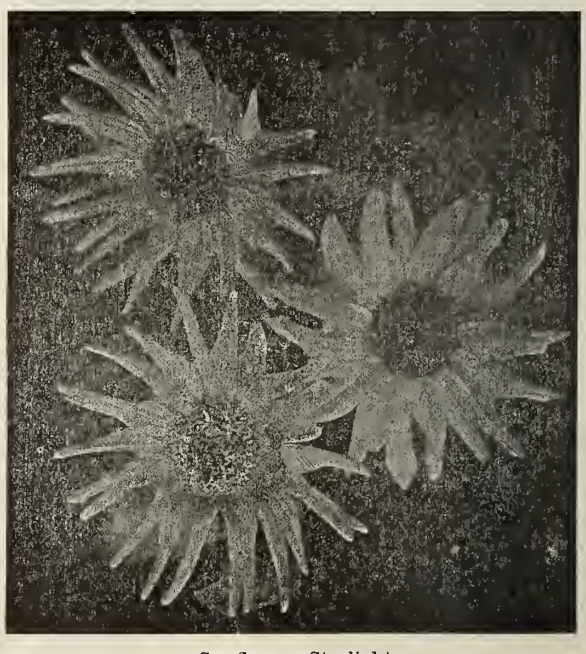
Elegans, mixed shades . . . . . **¼ oz., 15 cts.; oz., 40 cts.** . . .05

HELIANTHUS

SUNFLOWERS

Plants of majestic growth and immense showy flowers. Most suitable for shrubberies, as screens for fences or unsightly walls, for wild gardens, and subtropical planting.

Argophyllus. Exquisite silvery foliage, flowers medium sized, golden yellow with dark centre. A grand plant for the shrubbery, mixed border, and wild garden. Ht. 5 feet. . . . . **Oz., 25 cts.** 05



Sunflower—Starlight

Per Pkt.

Golden Nigger. **Early** blooming sort, of branching habit, deep green foliage, dark stems, and an abundance of golden yellow flowers almost black centre. Ht. 6 feet.....**Oz., 30 cts...** .05

California Sunflower. Large, deep yellow flowers of perfect form. Ht. 5 feet.....**Oz., 20 cts...** .05

Primrose Gem. Large single flowers of delicate primrose tint. Ht. 6 feet. One of the most beautiful sorts .....**Oz., 30 cts...** .05

Giant Russian. Ht. 8 to 10 feet. Very large, single, yellow flowers .....**Oz., 10 cts.; ¼ lb., 25 cts...** .05

Annual single Sunflower, mixed. Tall sorts.
Oz., 25 cts.; ¼ lb., 50 cts... .05

Sunflower Starlight. The flowers are large, of the most graceful appearance, with beautiful twisted petals like the finest form of Cactus Dahlia. Color is a bright canary yellow; the single flowers borne on long, stiff stems are unexcelled for cutting. Trial packet, 10 cts.....**¼ oz., 75 cts...** .20

DWARF OR MINIATURE ANNUAL SUNFLOWERS

Cucumerifolius. Ht. 3 feet to 4 feet. Single flowers of golden yellow with black centre, produced in enormous quantities on branching stems. Blooms during July till frost cuts it down. Very ornamental.....**½ oz., 50 cts...** .05

Golden Star. Starshaped double form of Miniature Sunflowers, petals twisted like a Cactus Dahlia. One of the **finest, newest** sorts. Ht. 3 feet.....**½ oz., 40 cts...** .10

Perkeo, a charming Miniature sort. Ht. 1 foot. Forms compact bushes one foot and more in diameter, covered through summer till frosts with a profusion of bright yellow flowers. Black centred.....**Oz., 40 cts...** .10

Miniature Sunflowers mixed......**Oz., 30 cts...** .05

GLAUCIUM

(HORNED POPPY)

Grows in the **poorest** and sandiest soil. The foliage is bluish gray and highly ornamental. Flowers are large, deep orange scarlet with large black spots at the base of petals, and very showy. Ht., 18 inches. Sow in heat in spring and plant out when weather is warm.
¼ oz., 35 cts... .10

HIBISCUS

MALLOW

Africanus. Rich yellow flowers with deep purple centres. Ht. 2 feet.....**Oz., 25 cts...** .05

ICEPLANT Half Hardy Annual

MESEMBRYANTHEMUM

Very exquisite foliage, thick and succulent, covered with ice-like or crystal-like transparent globules, making them appear as if frosted over with diamants. Especially adapted for dry, sunny spots. Invaluable for rockwork, borders, etc.

Chrystallinum. White flowered. Ht. 10 inches..... .10

Cordifolium variegatum. Green and white variegated foliage, rosy purple flowers. Splendid for carpet bedding. Trial pkt., 10 cts..... .25

INOPSIDIUM

DIAMOND FLOWER

A delightful and lovely flower. You can see it grow. A pleasure for children to grow as a potplant or in their little gardens, as the seed starts in a few days and the delicate pale lilac or blue flowers appear in a short time, fairly smothering the dense green foliage. Lovely for carpeting under bulbs or other plants. Does best in partial shade. Loves moisture. Ht. 2 to 3 inches. A very pretty plant for pots.....**⅛ oz., 30 cts...** .10

KOCHIA TRICHOPHYLLA

SUMMER CYPRESS (BURNING BUSH)

Beautiful, showy Annual, 3 feet. Sow thinly in spring, plants soon form fine pyramidal specimens or if sown in rows form a hedge of perfect symmetry in late summer; when the weather turns cold the whole plant turns a fiery red. A splendid plant to divide flower and kitchen gardens or wherever a low hedge and quick growth is desired.....**¼ oz., 25 cts...** .05

LAVATERA

TREEMALLOW

This is one of the very best and most valuable plants for relieving the flatness of a bed or border. It shoots up a graceful stem like a willow and the flowers stand out like bells on wiry stems. Ht. 3 feet. The flowers are very useful for table decorations, where the beautiful deep green foliage in contrast with the rosy and white flowers is of brilliant effect. Sow the seeds where the plant is to flower, as it will not stand transplanting. The Lavateras bloom from July to late September.

Splendens white.....**¼ oz., 25 cts. oz., 75 cts...** .10

Splendens rosea.....**¼ oz., 25 cts.; oz., 75 cts...** .10

Sunset (New.) Habit of plant compact, the large flowers are of the most **brilliant** satiny rose. Trial pkt., 10 cts..... .25

Larkspur Emperor

LYCHNIS COELI ROSA

AGROSTEMMA

Per Pkt.

Coelirosa fimbriata flowers light rose, shaded white toward the centre; the petals are prettily fringed. Very light, graceful, bushy habit. Ht. 10 inches..... .10

LARKSPUR

DELPHINIUMS

Larkspur lifting turquoise spires
Bluer than the sorcerer's fires.

Magnificent **hardy** annuals growing 2 to 3 feet tall, with immense spikes of richly colored flowers. The foliage is finely cut, fernlike. Very valuable for summer bedding. Excellent for cutting. Sow seeds as early in spring as possible in the place where they are to flower. They bloom in from 6 to 8 weeks from time of sowing. As the flowering season of each plant lasts only about a month sowings should be made at intervals if continuous bloom is desired.

Prize strain of Stock Flowered Larkspur in separate colors, white, rose, flesh colored, deep rose, steel blue, dark blue, three colored.....**½ oz., 25 cts...** .10

All colors mixed.....**½ oz., 20 cts...** .05

Novelty of Stock-flowered Larkspur "Rosy Scarlet"
¼ oz., 25 cts... .10

Larkspur Emperor. Mixed. Long, very showy spikes
½ oz., 20 cts... .05

Blue Butterfly. **New** annual Delphinium. An exquisite Salvia **blue,** Dwarf sort 12 to 15 inches high forming a free flowering bush. Most attractive for bedding or as a potplant. Very fine for window boxes, vases, or pots as well as for bedding.
¼ oz., 35 cts... .10

LOBELIA

Is profusely used for bedding, carpet effects, vases, window boxes, hanging baskets. Wherever used it is distinctive, gracious, and charming. To secure **early** bloom for the garden, where no **greenhouse** room is available, the seeds should be started early either in house or hotbed.

We distinguish two types of this charming flower, the **bushform** and the **trailing.**

BUSHFORM LOBELIAS

Crystal Palace Compacta. Compact growth. Ht. ½ foot. Flowers an intense blue, foliage bronze colored ...**¼ oz., 75 cts...** .10

Emperor William. A very fine **light** shade of blue, foliage bright green. Ht. 6 inches.....**¼ oz., 60 cts...** .10

Lobelia Sapphire

Compacta Golden Queen. A golden foliaged sort, the flowers are a deep dark blue. Very showy. **⅛ oz., 50 cts.; pkt., 10 cts.**

Snowbird. Pure white, large flowers, green foliage. **¼ oz., 75 cts.; pkt., 10 cts.**

Kermesina occulata. An exquisite sort. The large flowers are a beautiful red shade with white eye. **⅛ oz., 60 cts.; pkt., 10 cts.**

TRAILING LOBELIA

Trailing Lobelias are in great demand for decoration of window boxes, balconies, verandas, hanging baskets. The new Lobelia which is named "Sapphire" on account of its wonderful brilliant blue shade, the color of that precious stone, is a gem for any named purpose. The flowers are unusually large, with a large white eye, making it most effective The blossoms are thickly set on the long graceful sprays of foliage which frequently attain a length of two feet. A plant of this new Lobelia covered with its bright blue flowers is a splendid sight, attracting every eye.

By sowing in the house in January-February, the plant will bloom end of May, continuing till late fall. If sown in September extra strong plants will commence flowering in April

Lobelia Hybrida Sapphire. Trial pkts., 10 cts.; pkt., 25 cts.

Hamburgia. Bright sky blue, with pure white eye. Its chief merit lies in its phenomenal rapid growth, throwing out shoots 12 to 15 inches long in incredibly short time, covered with flowers, the branches hanging gracefully over pots or baskets. **Pkt., 10 cts.**

Lupinus Polyphyllus

LINARIA

TOADFLAX

Beautiful, very free flowering, hardy annuals which thrive best in open sunny situations. Flowers resemble in shape the Snapdragons.

	pkt.
White Pearl. Beautiful large white flowers with golden blotch at mouth	.10
Queen of Roses, rich rosy carmine. Ht. 1 foot	.10
Maroccana. "Excelsior." Flowers running in all shades from light blue to dark violet, pink, crimson and yellow, all with a blotched lip. Very showy	.15

LINUM

FLAX

Grandiflorum Blue. Charming azure blue flowers. Ht. 1 foot. Splendid bedder. Very graceful. **oz., 30 cts.**	.05
Grandiflorum Coccineum. A marvelously brilliant colored summer annual. Flowers are a **glowing** crimson rose and by making successive sowings can be had in bloom from May till October. Ht. 1 foot. **oz., 30 cts.**	.05

MARIGOLD Half Hardy Annual

TAGETES

Midsummer-flowering, showy, decorative plants, which are at their best when the early summer bloom is drawing to its close. They have one great advantage, that they thrive almost **anywhere** where flowers can be grown at all and need a minimum of care. **Anybody** succeeds with these plants. They are one of the joys of the amateur.

TALL MARIGOLDS

	Per pkt.
Tall African. Double Lemon **¼ oz., 25 cts.; oz., 75 cts.**	.10
Tall African. Double Orange. **¼ oz., 25 cts.; oz., 75 cts.**	.10
Tall Mixed. ¼ oz., 20 cts.; oz., 65 cts.	.10

DWARF FRENCH MARIGOLDS

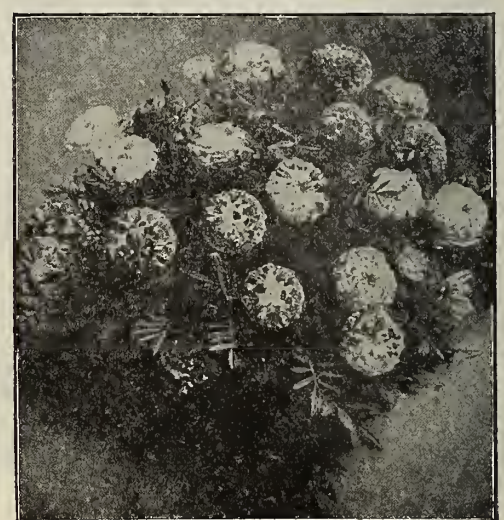
These grow only 12 to 15 inches in height. The flowers are rather flat with a satiny or velvety sheen. They are exceedingly fine as a bedding or border plant.

Legion d'Honneur. Single, specially selected strain, flowers bright yellow, with clear, vivid, dark red or crimson velvety blotches. A very unique bedder. Ht. 9 inches. **¼ oz., 15 cts.**	.05
French dwarf gold striped, double. Ht. 12 in. **¼ oz., 15 cts.**	.05
Extra dwarf gold striped. Ht. 12 inches. **¼ oz., 15 cts.**	.05
Dwarf Marigolds mixed. ¼ oz., 15 cts.	.05

LUPINUS

These must be reckoned amongst the most useful as well as beautiful of our Garden Annuals. Of astonishingly rapid growth, the flowers appear six to seven weeks after the seed is sown, and are best sown where they are intended to bloom, as they bear transplanting poorly. A dry, very sunny exposure suits them best. Where continued bloom is wanted sow seed at intervals. Annual Lupins will flower about one month and then begin to form seed pods. Especially fine in borders and grand for **cutting.**

	pkt.
Hartwegi Albus. Pure white. Ht. 2 feet.	
Coelestinus. Bright blue. Ht. 2 feet.	
Roseus. Ht. 2 feet.	
Sulphureum or Primrose. Ht. 2 feet.	
Sulphureum Superbus, rosy purple and white, very showy. Ht. 2 feet. Any of these colors **½ oz., 15 cts.; oz., 30 cts.**	.05
Mixed colors. ½ oz., 15 cts.; oz., 25 cts.	.05
Mixed annual sorts for wild gardens. oz., 25 cts., ¼ lb., $1.00; per lb., $4.00	.05



Dwarf French Marigolds

Mignonette

MIGNONETTE

Is there any **flower lover** who does not know this essentially sweet blossom? While not remarkable for beauty the heavenly fragrance the tiny blossoms emit has endeared it to every one. They are fine as pot plants, and thrive in almost any good garden soil. Sow seeds out of doors where you wish the plants to bloom. **Look out** for green worms on Resedas, Spray with insecticide preferably Aphine. The worms can be caught by hand early mornings. Laying fresh cabbage leaves amongst the plants will do away with many of them, as they will leave the Mignonette to feed on cabbage.

	Per pkt.
Bismark. Heavy spikes of deliciously scented flowers. One of the best. Very suitable for pot culture. ¼ oz., 30 cts.	$0.10
Goliath. This variety is claimed by many as being the sort par excellence. Plants are of compact habit, rich green foliage, the gigantic trusses of flowers borne on erect strong stems, surpassing all others in brilliancy of coloring, which is a clear red. ¼ oz., 30 cts.	.10
Mammoth Fragrant. A strain unsurpassed for cutting, either in the greenhouse or out-of-doors. Mammoth spikes of the most fragrant flowers, borne on plants remarkable for their robust and vigorous growth. 2 feet. ¼ oz., 50 cts.; trial pkt., 25 cts.	.15
White Pearl. A new beautiful white Mignonette, compact habit very sweet scented. Carefully selected seed. ¼ oz., 50 cts.	.15
Orange Queen. A highly improved sort with monstrous spikes, beautifully colored, orange and pale yellow, of true Machet habit, very vigorous. Oz., 50 cts.	.10

MATRICARIA

Snowwhite. Very double pure white flowers borne in greatest profusion on a compact bush 30 inches high. The bright green foliage is finely cut like fennel. Fine for cutting. Lasts a long time. ¼ oz., 25 cts. .05

MARVEL OF PERU

One of the **oldest** Grandmothers' garden plants. It grows 2 to 3 feet tall, in bush form, covering a space fully 18 inches wide. The whole plant is covered with bright flowers which close toward evening, opening only to the bright morning light. Especially fine on **sunny** days. Colors range in white, rose pink, violet, sulphur to red. Sow seeds where you wish plant to bloom ..... Oz., 25 cts. .05

MATHIOLA BICORNIS

EVENING SCENTED STOCK

This is a specially delightful plant. The flowers emit in the morning, and evening, especially after a slight rain, the most delicious perfume, which is perceptible for quite a distance from the plant. Scatter the seed freely in any available spot especially in wild garden. Wherever growing it is a gem ..... ½ oz., 25 cts. .05

NEMOPHYLLA

CALIFORNIA BLUE BELL—BABY EYES

A lovely, hardy annual, especially useful for ribbon borders, small beds, wild gardens. Charming for rockwork, should be grown everywhere. Strikingly clear azure, wonderfully soft and fresh, blue with white eye. Ht. 10 inches. **Oz., 25 cts.; pkt., 5 cts.**

Nasturtiums

NASTURTIUMS

TALL OR CLIMBING 6 to 10 feet

Elegant and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed pods can be gathered while green and tender for pickling.

The varieties we list should not be confounded with the common tall Nasturtiums, as they surpass them by far in the remarkable brilliancy of the flowers.

For ease of culture, duration of bloom, brilliancy of coloring and general excellence nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms. The maximum of bloom is produced in light or sandy soils and seldom diminishes through the hot weather.

	¼ lb.	Oz.	Pkt.
Brilliant. Bright scarlet	$0.60	$0.15	$0.05
Chameleon. Various richly colored flowers, one stem	.60	.15	.05
Chocolate. Very odd shade of bright golden brown.	.60	.15	.05
Hemisphericum. Straw color, rosy blotched	.60	.15	.05
Moonlight. Beautiful creamy white	.60	.15	.05
King Theodore. Deep maroon, dark foliage	.60	.15	.05
Regelianum. Rich velvety violet, crimson	.60	.15	.05
Sunlight. Pure rich orange	.60	.15	.05
Rose. Bright rose with blue sheen	.60	.15	.05
Scarlet and gold. Flowers brilliant scarlet, foliage golden	.60	.15	.05
Vesuvius. Rare glowing salmon pink	.60	.15	.05
Mixed Tall or Climbing	.40	.10	.05

LOBB'S NASTURTIUMS

TALL OR RUNNING SORTS. 6 to 10 feet

	¼ lb.	Oz.	Pkt.
Asa Gray. Creamy primrose color	.60	.15	.05
Atropurpureum. Dark purple	.60	.15	.05
Aureum. Golden Queen (new)	.60	.15	.05
Crown Prince of Prussia. Deep blood red	.60	.15	.05
Giant of Battles. Sulphur yellow	.60	.15	.05
Duc de Vincennes. Pale sulphur yellow	.60	.15	.05
Ivy Leaved. Bright crimson scarlet, with dark metallic colored foliage most useful for vases, hanging baskets, or window boxes and vases	.60	.15	.05
Queen Helena. Terracotta, very effective and showy	.60	.15	.05
Roi des Noirs (King of Blacks). Rich deep garnet	.60	.15	.05
Spitfire. Dazzling scarlet	.60	.15	.05
Mixed Lobbianum Nasturtiums	.40	.10	.05

DWARF VARIETIES OF NASTURTIUMS

Aurora. Primrose, veined carmine. Ht. 1 foot	.60	.15	.05
Beauty. Yellow and scarlet	.60	.15	.05
Bronze. Burnished bronze color	.60	.15	.05
Chameleon. Various shades of yellow and red on one branch	.60	.15	.05
Empress of India. Brilliant dark crimson flowers, foliage bronze green	.60	.15	.05
Golden Midnight. Rich violet crimson flowers nestling in bright golden leaves	.60	.15	.05
King of Tom Thumbs. Compact growth, vivid scarlet, dark foliage	.60	.15	.05
King Theodore. Velvety maroon	.60	.15	.05
Pearl. Creamy white	.60	.15	.05
Ruby King. Fine deep ruby rose	.60	.15	.05
Vesuvius. Glowing apricot color	.60	.15	.05
Golden Rose. Beautiful pink	.60	.15	.05
Queen of Tom Thumbs. Rosy scarlet blossoms, amidst silvery variegated foliage	.40	.10	.05
Mixed Dwarf Nasturtiums	¼ lb., 40 cts.;	oz., 10 cts.	.05

NASTURTIUMS LILLIPUT

These are **very** exquisite **dwarf** species of Nasturtiums. Ht. 5 to 6 inches. They are specially fine for vases, window boxes, edging, and bedding. Flower continually and profusely.

Snowqueen. Pure white	$0.75	$0.20	$0.10
Lady Cherry. Deep ruby red	.75	.20	.10
Baby Rose. Cream white and pink spotted. Splendid (new)	75	.20	.10
Mixed Lilliput Nasturtiums	.60	.15	.05

Nasturtium — Fire King

	Pkt.
Nasturtium Tom Thumb Fire King. A new and distinct variety. Flowers a deep orange-scarlet, showing well above the small dark green foliage, and very free-flowering and compact. A grand advance in dwarf-bedding Nasturtiums. We can strongly recommend this variety, being in our opinion the finest that has yet been introduced. ½ oz., 20 cts.	10

NICOTIANA

Grows to a height of 3 feet bearing on branching stems in great abundance single, pure white, tubular flowers, fully 3 inches in diameter. These flowers remain closed through the day, opening only mornings and evenings when they exhale a most delicious perfume. The foliage is long and bright green. The plant is very attractive.

	Per pkt.
Nicotiana affinis. Pure white. ¼ oz., 25 cts.	$0.05

Nemesia Strumosa

NICOTIANA SANDERI

These Hybrids are in every respect like the **Affinis** sorts, but are **not** fragrant. The colors range through rose, carmine crimson to violet. The plants grow 3 feet tall forming a large bush. Very ornamental. ¼ **oz., 35 cts.; Pkt., 10 cts.**

NEMESIA

Half hardy annuals of great beauty. The colors are as gorgeously beautiful as a **sunset,** and as varied.

Strumosa Suttoni. Rich sunset shades. Ht. 15 inches. **Trial pkt., 10 cts.; pkt., 25 cts.**

Strumosa Grandiflora Tigrina. Striped and marbled. Unsurpassed in glowing effect of coloring. **Trial pkt., 10 cts.; pkt., 25 cts.**

Novelty Nemesia Blue Gem. An exquisite plant for massing or edging. Ht. 10 inches covered with **azure true blue** flowers. A **gem** of the garden. **Trial pkt., 10 cts.; pkt., 25 cts.**

Nicotiana Affinis

Nigella—Miss Jekyll

NIGELLA LOVE IN A MIST

Fine border annuals. The flowers nestle amongst beautiful green foliage which is finely cut like fennel. Most attractive for table decorations and effective anywhere.

	Per pkt.
Single azure blue ..... Oz., 20 cts..	$0.05
Single pure white ..... Oz. 20 cts..	.05
Miss Jekyl. The finest of all. **Intense** Gentian blue, a color rarely seen in flowers. ¼ oz., 20 cts...	.10
Mixed Nigellas ..... Oz., 30 cts...	.05

GIANT PANSIES

FINEST BEDDING VARIETIES

Adonis. Blue-white, star in center.
Azure Blue.
Atropurpurea. Violet and purple.
Faust. Deep velvety maroon.
Striped and Spotted.
Cardinal. Most brilliant red.
Coquette de Poissy. Pale rosy mauve, very striking.
Emperor William. Bright blue.
Emperor Frederick. Dark red, bordered orange scarlet.
Fire King. Golden yellow, upper petals crimson.
Gypsy Queen. Terracotta and bronze.
Fairy Queen. Azure blue, white edge.
King of the Blacks. Deep dark almost black.
Snow King. Pure white.
Canary Bird. Pure yellow.
Golden Yellow. Large deep yellow with black eye.
Lord Beaconsfield. Rich plum blue and lilac.
Meteor. Bright terracotta.
Madame Perret. All ruby red and crimson shades.
Giant Trimardeaus. Yellow shades with blotches.
Wall flower shades. Dark brownish red and gold.
Peacock. Reddish steel blue with red and white edge; most beautiful.
Victoria. Claret red.
White with dark eye.

Any one of above, **oz., $1.50; ¼ oz., 50 cts.; pkt., 10 cts.**

One packet each of twenty-four sorts, twenty-four packets, **$2.00.**

GIANT STRAINS OF SUPERB PANSIES

Bugnot's Superb Blotched. Immense flowers of finest shades with deeper blotches on each petal.

Cassier's Golden Yellow. Superb blotched.

Masterpiece (Germania). Richest shades curly petals, dark blotches.

Matchless. Most exquisite shades ranging from sulphur yellow to an exquisite rich claret and reddish bronze. All are beautifully edged and blotched, the surface of petal of the richest velvety sheen. The blooms are of **immense** size with grand substance, free from any coarseness or flimsiness. The plants are of exceptionally strong sturdy habit with large green foliage. It is in **every** way the **ideal pansy** for exhibition or in the garden.

Curled. A magnificent **new** type, flowers large, finely curled and fimbriated, so much so as to appear a **double** flower. This flower comes true to type from seed and cannot be too highly recommended.

Psyche. Flowers curled and undulated; rosy violet, surmounted by a broad white edge, dark blotches.

Orchid Flowered Mammoth. New Type. Light cream shades, with beautiful dark blotches.

Empress strain. Saved from **prize** flowers containing a truly remarkable variety of the largest flowers and richest strains of colors.

Any packet of the above listed sorts for trial, **10 cts. Large pkt., 25 cts.**

One packet of each of the sorts, eight trial packets, **70 cts.**

Eight large packets, one of each sort, **$1.75.**

Ruffled Single Petunia

SINGLE PETUNIAS

One of our best and choicest summer flowers. Petunias have been brought to almost perfection through continued hybridization that now we face a wealth of the most glorious flowers in singles, doubles, fringed, ruffled, and **giant** flowers.

SINGLE PETUNIAS

	Per pkt.
Ruffled Giants. The edges are deeply ruffled and fluted, of great substance with deep, wide throats, varying in color from pure white to deep purple violet. Many of them are beautifully striped and veined. **Trial pkt., 10 cts.**	$0.25
Giants of California. Enormous flowers in delightful shades. Plain edge **Trial pkt., 10 cts.**	.25
Giant white shade. Trial pkt., 10 cts.	.25
Giant velvety purple with white edge. Trial pkt., 10 cts.	.25
Giant yellow throated. The flowers are immense, of the richest shades with veins radiating from the yellow throats. **Trial pkt., 10 cts.**	.25

DOUBLE PETUNIAS

Superb Double, fringed. Trial pkt., 25 cts.	.50
Giant Double, plain edge. Magnificent colors. **Trial pkt., 25 cts.**	.50

BEDDING PETUNIAS

Norma. Deep blue with white star. Ht. 1 foot. **Trial pkt., 10 cts.**	.25
Rosy Morn. Brilliant rose with white throat, very beautiful. **Trial pkt., 10 cts.**	.25
Mixed Dwarf Bedding Petunias, very bushy, producing a most lovely effect for bedding and borders. **Trial pkt., 10 cts.**	.25

Petunia — Rosy Morn

PORTULACA

Veritable **jewels** in the garden where they bloom in an incredibly short time after being sown. They literally cover the ground with a carpet of dazzling colors. For very **dry**, sun exposed places, for rockwork, and **especially** on the **seashore for bedding**, nothing equals them. Portulacas attain only a height of 6 inches, are of a creeping nature, and the foliage is of a succulent bright green, mostly covered by the large shining flowers. **Plant** them largely. **Nothing** could be finer.

	Per pkt.
In separate colors. White, golden, crimson, primrose, scarlet. ¼ oz., 25 cts.	$0.05
All shades mixed. ¼ oz., 20 cts.	.05

DOUBLE FLOWERING PORTULACA

The flowers are like Ranunculus, very double.

Brilliant shades mixed. ⅛ oz., 75 cts.	.10

Poppy — Admiral

POPPIES

"All silk and flame, a scarlet cup seen amongst the wild grass far away, like a burning coal fallen from heavens afar. You cannot have a more complete, a more stainless type of flower, absolute inside and outside—all flower."—(Ruskin.)

One of the grandest Garden Annuals and Perennials. So easy to grow, the mere throwing of seed on the ground will bring forth their gay flaunting colors; the silky petals waving in the passing breezes. Masses of beautiful Hybrids have been evolved vieing with each other in glorious beauty. The seed of all may be sown in early spring and in intervals as late as July, where continuous display is desired. Let us talk to you about some of the very beautiful varieties. We cannot list them all.

Poppies are especially adapted to cultivate on the **seashore** where they thrive wonderfully well. Poppies will not bear transplanting but must be sown where they are to flower (This refers to **annual** sorts). Do not sow **poppy** seed too deep as this will keep them from sprouting freely. Scatter over well prepared, **smooth** soil and sift a very thin layer of soil over the seed just covering it. **Spray** only with a **fine** rose.

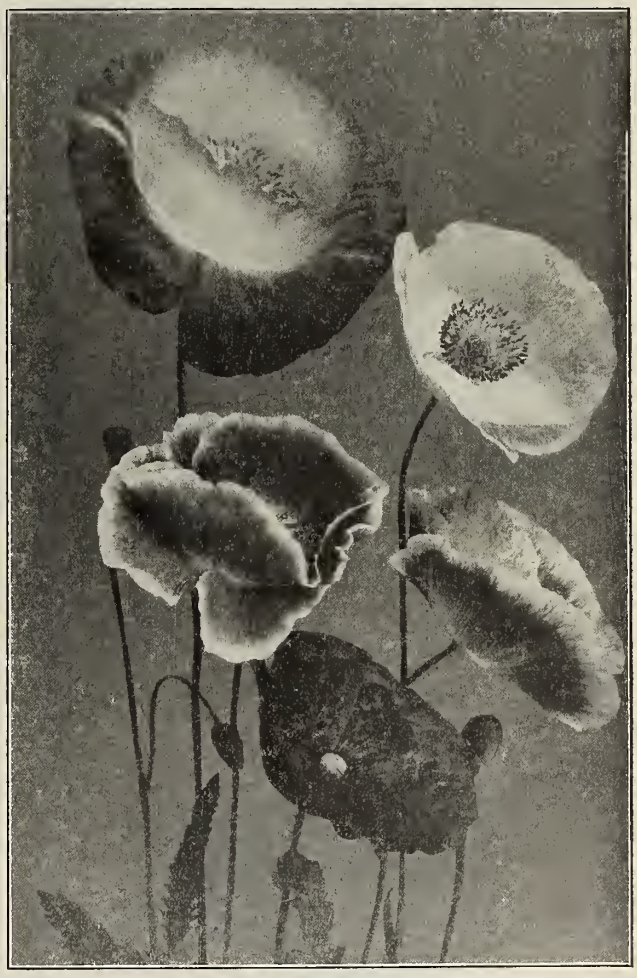
Poppy—Dainty Lady

SINGLE FLOWERING POPPIES

	Per pkt.
The Bride. Immense single white ..... **oz., 25 cts...**	**$0.05**
English Field or Scarlet Poppy. Large fiery scarlet. **¼ oz., 25 cts.; oz., 65 cts...**	**.05**
Poppy Admiral. The flowers are large, round, smooth edged, of the purest white, with a broad band of brilliant scarlet around the top occupying a full quarter of the corolla. These two colors form a startling contrast similar to those seen in variety Danebrog. Planted in groups this new Poppy produces a magnificent effect. **¼ oz., 15 cts.; oz., 50 cts...**	**.05**
Danebrog, or Danish Cross. Very showy variety, producing large single flowers of brilliant scarlet, with a silvery-white spot on each petal, thus forming a white cross.. **¼ oz., 10 cts.; oz., 25 cts...**	**.05**
Poppy "Dainty Lady." We can recommend this Poppy for the particularly beautiful color of its single flowers, a most charming shade of rosy mauve, not yet represented among Poppies and one of those modern hues now so much sought for. The effect is further heightened by the shining dark metallic blotch which occupies the base to the middle of each petal. The Dainty Lady Poppy grows about 2 feet high, is clothed with broad laciniated glaucous foliage and bears flowers from 4 to 5 inches across. It is of the easiest culture, excellent for bedding and cutting, and comes true from seed. **¼ oz., 10 cts.; oz., 40 cts...**	**.05**
Virginian Poppy. This new large flowering Single Poppy is an annual, producing immense white flowers, with a deeply fringed rose pink edge. It produces a charming effect in the garden, and is unique as a cut flower for decorations, especially if cut when the buds show color. It will last many days in water. **¼ oz., 15 cts.; oz., 50 cts...**	**.05**
Tulip Poppy (Papaver glaucum). Like a scarlet Van Thol **Tulip.** A fascinating sort, 15 inches high, glowing fiery scarlet, cup and saucer form..... **¼ oz., 25 cts.; oz., 60 cts...**	**.10**
Mixed Annual Poppies. Representing the **best** in single poppies. **¼ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts...**	**.05**

DOUBLE FLOWERING POPPIES

Carnation flowered. Large double flowers, finely fringed of many brilliant tints. Ht. 2½ feet ..... **¼ oz., 15 cts.**	**.05**
Pæonia flowered. Immense globular flowers excellent for border amongst shrubbery, etc. **Very** showy. Ht. 2½ feet. **¼ oz., 15 cts.; oz., 50 cts...**	**.05**
Japanese Pompon. Size of Pompon Dahlias. Very fine free flowering, double. Ht. 2 feet.... **¼ oz., 15 cts.; oz., 50 cts...**	**.05**
The Cardinal. Large double, bright scarlet finely fringed flower. **Very** fine..... **¼ oz., 15 cts.; oz., 50 cts...**	**.05**
French Ranunculus Poppies. Mixed colors, most brilliant. Ht. 2 feet..... **¼ oz., 10 cts.; oz., 35 cts...**	**.05**



Shirley Poppies

NOVELTY IN RANUNCULUS FLOWERED POPPIES

Salmon rose to orange shades. One of the greatest acquisitions to the Poppy class. Through the whole gamut of tints lying between pale salmon rose to deep orange, these exquisite Poppies are now a fixed sort. They are of the easiest culture, growing with almost no care, and giving an abundance of their beautiful blooms. The gorgeous flowers cut just before opening will expand in water and last several days. Planted amongst shrubbery or in the open border, in groups or in beds, the rich colors of the flowers form a point of attraction and beauty. ..... **Trial pkt., 10 cts...** **.25**

All sorts double flowering Poppies mixed..... **oz., 30 cts...** **.05**

SHIRLEY POPPIES

The **most** exquisite single Poppies in existence. Silky, shining petals varying in all colors of the rainbow, the effect created by these lovely flowers is hard to describe and must be seen to be fully appreciated. **In separate colors.**

Rose	**Apricot**
White	**Scarlet**
Carmine	**Pink with frilled edge**

	Per pkt.
	oz., 50 cts.; ¼ lb., $1.50..	**$0.10**
Collection of the six sorts listed, **50 cts.**	
Mixed Shirley Poppies ..... **oz., 40 cts.; ¼ lb., $1.25....**	**.10**

Poppy—Hansa

POPPY HANSA

Per pkt.

As picture shows, a valuable addition to the Poppy Garden. The flowers have a pure white ground color, passing toward the finely laciniated edge to a deep rich crimson. A most brilliant and fascinating flower. Raised with the greatest ease. **Trial pkt., 10 cts.** .$0.25

RICINUS CASTOR OIL PLANT

Remarkable for their immense tropical looking foliage of various tints, and the bright colored fruits following the blossoms in fall. They are much used for centres in beds or amongst shrubbery in the border. Wherever grown they have a majestic and striking effect. They grow rapidly from seed.

Per pkt.

Gibsoni, handsome bronze colored stem and foliage. As the leaves mature they assume a rich bronzy blue white, the veins run through them like rivulets of crimson flame. The underside is a dull rich crimson. Ht., 5 feet. . . . . **Oz., 25 cts.** .$0.05

Borbonensis arboreus. Ht. 15 feet. Very tall sort with purplish leaves. . . . . **Oz., 15 cts.** .05

Zanzibarensis, mixed. Leaves of enormous size varying from light green to purplish red. . . . . **Oz., 10 cts.; ¼ lb., 60 cts.** .05

Sanguineus. Very fine sort with red stems and reddish purple leaves. Ht. 10 feet. . . . . **Oz., 10 cts.; ¼ lb., 25 cts.** .05

Choice mixed . . . . . **Oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.** .05

Salpiglossis

Double Ranunculus Flowering Poppy

RUDBECKIA SUPERBA HYBRIDA. New hybrids of the multicolor, splendid, annual Rudbeckia. The forms of the flowers are manifold; some have broad, others twisted petals, some are single flowering, some semi-double and others quite double. Also the colors, respectively the designs vary, so that these new hybrids are very useful and give good effect both for borders and for groups.

Pkt. ¼ oz., 25 cts. . . .10

SCABIOSA

Velvety Pincushion Flower (Egyptian Rose, etc.). One of the most magnificent **hardy** annuals, whose free blooming qualities, large showy flower heads, and **easy** cultivation have placed it in the forerank of favorite plants. Very decorative in borders and beds, the beautiful flowers are most useful for cutting and decorations, lasting for many days in water. The range of colors is wonderfully large. Where **early** bloom is wanted, start in the house early in season, February-March. Sown in the open the plants bloom late July till frost. They must not be kept too wet.

TALL LARGE FLOWERING DOUBLE

The Bride. Pure white
Cherry Red
White and Lilac
Deep Violet
Pompadour. Claret purple, edged white
Fire King. Rich, rosy crimson
Flesh Color
Rosy Carmine
Pale Mauve
Golden Yellow

Any of the ten colors separate. . . . . **¼ oz., 20 cts.** . . .10

The collection of ten colors, ten packets, **85 cts.**

All colors mixed, Scabiosa . . . . . **¼ oz., 20 cts.; oz., 75 cts.** . . .10

Novelty. Azure Fairy Scabiosa. A delightful rich light **blue** shade, very large double flower. A gem in the collection.

Trial pkt., 10 cts. . . .20

SALPIGLOSSIS

ADDER'S TONGUE

For gorgeous coloring few flowers can match this lovely species. The vivid shades are marked with contrasting veins and pencilled, attract the eye and give a marvellously rich effect.

In separate colors:

Giant Brilliant Scarlet
Giant Brown with Gold
Giant Light Blue with Gold
Giant Sulphur Yellow
Giant Blood Crimson
Golden
Chamois Rose
Velvety Violet
Rose
White and Gold

⅛ oz., 25 cts. . . .10

Collection of ten sorts, 10 pkts., 75 cts.; 5 pkts., 40 cts.

All colors mixed. ⅛ oz., 20 cts.; Pkt., 5 cts.

Scabiosa Caucasia

SALVIA

SCARLET SAGE

Might well be called **Flaming Bush,** as the fiery colors are marvelous and can be seen for long distances. They are very easily raised from seeds in the hothouse or in boxes in the house, early in February and March, when the young plants will bloom in July. Later sow in open when they will bloom in August all through season till frosts appear.

Splendens. A very tall growing sort with immense flower trusses of fiery scarlet Ht. 3 feet. **⅛ oz., 40 cts.; pkt., 10 cts.**

Splendens Bonfire. A magnificent sort with very full flowerspikes of brilliant scarlet. Ht., 2 feet. **⅛ oz., 75 cts.; pkt., 10 cts.**

Zuerich. Free flowering Dwarf sort with erect spikes covered thickly with bright scarlet flowers. Ht. 12 to 15 inches. These plants begin to bloom very early and continue throughout season. **⅛ oz., 75 cts.; pkt., 10 cts.**

Fireball. Really the finest of all **early** and free blooming Salvias. It produces profusely long spikes of flowers thrown well above the foliage, a thousand times more vividly scarlet than any Geranium, being one of the most decorative and showy bedding plants. Ht. 1½ feet. **⅛ oz., 75 cts.; pkt., 10 cts.**

Triumph (New). Extra early velvety scarlet, very large flowers. A **gem** for border and bedding. **Trial pkt., 10 cts.; pkt.,25 cts.**

Splendens Carminea. A new tint in this lovely flower Rosy carmine. Ht. 1½ feet. **Trial pkt., 10 cts.; pkt., 25 cts.**

Salvia Triumph

Novelty Salvia Canarybird. Unique canary yellow flowers, velvety dark green foliage. Striking and beautiful. **Trial pkt., 10 cts.; pkt., 25 cts.**

STOCKS

GILLIFLOWERS. LEVKOYEN

Who does not know this magnificent plant whose fragrance perfumes a whole garden and whose delightful blooms enrich our winter gardens? Sow for early bloom in the house February to March. For later summer sow where the plants are to bloom. Thin out when seedlings are 2 to 3 inches high. The seeds we offer are all specially selected, and will produce a large percentage of **double** rosetted flowers.

IMPROVED CUT AND COME AGAIN

These splendid stocks will bloom throughout the whole summer if sown in succession and started early in season. Ht. 18 inches.

Princess Alice. White
Chamois. Rose
Canarybird. Canary yellow
Apple Blossom
Mammoth. Blood red
Bluebird. Light blue
Violet. Dark blue
Rosy Peachblossom

		Per pkt.
In separate colors	⅛ oz., $1.00	.10
Collection of eight colors, eight pkts., **75 cts.**		
All colors mixed	⅛ oz., $1.00	.10

PERFECTION STOCKS

For summer and autumn flowering. Ht. 18 inches. A very sturdy, robust sort, of branching habit. The flowers are large, very decorative lasting a long time. Invaluable for cutting and decorations. Bloom throughout summer till frosts

Fireball. Dazzling scarlet
Light Blue
Deep Purple
Mauve Queen
Rose
Dark Blue
Snow White
Violet

Each color separate	⅛ oz., 75 cts.	.10
Collection of eight sorts, eight packets, **75 cts.**		
Mixed colors	⅛ oz., 75 cts.	.10

WINTERFLOWERING STOCKS

These sorts are called **Winterflowering** as they are the very best variety for that time although they bloom equally well from spring till fall in the open. They are by far the **very** handsomest and showiest. If sown early in the season they will flower all through summer till heavy frosts cut them down. They are of robust branching habit with immense spikes of fragrant flowers, richly scented, and are found in the most delicate and beautiful tints.

Beauty of Nice. Delicate shade of the tenderest flesh pink, or **daybreak** color.
Queen Alexandra. Delicate rosy lilac, very showy
Almond Blossom. White, shaded rose carmine.
Crimson King. Brilliant deep carmine rose

		Per pkt.
Empress Augusta Victoria. A beautiful tint of silvery lilac, large flowers. In separate colors	**Trial pkt., 10 cts.**	$0.25

The collection of five packets, **$1.00.**

NOVELTY STOCK. GIANT ABUNDANCE

This is equally valuable for summer or winter flowering. The central stem divides into 12 to 15 lateral branches which each produce from 15 to 20 side shoots forming a veritable pyramid of large fragrant blossoms. The color is an exquisite shade of carmine rose, and the whole plant presents a picture of floral perfection. Ht., 18 to 20 inches ..... .25
Trial pkt., **10 cts.**

SILENE

CATCHFLY

Armeria. Early flowering, showy, hardy annual, bearing in profusion, heads of rose-pink flowers. Ht. 1 foot. ..... .05
Pendula. Massed in beds on rockwork, or for borders these pretty flowers are extremely effective. Ht., 9 inches ..... .05

Pendula alba. Pure white	¼ oz., 15 cts.	.05
Pendula rosea. Bright rose	¼ oz., 15 cts.	.05

TORENIA Half Hardy Annual

Very beautiful for pots, beds, or hanging baskets. Flower is like a small Petunia and puts one in mind of a musk plant with violet and white flowers. Exceedingly ornamental. Ht. 10 inches. Needs a warm sunny place.

Bailloni. Golden yellow with deep red throat. Very charming. **Per pkt., 25 cts.**

Fournieri grandiflora. Sky blue with violet yellow throat. **Per pkt., 25 cts.**

Coelestini. Delicate pale azure. **Per pkt., 5 cts.**

White Wings. Pure white, rose throat, exquisite. **Per pkt., 5 cts.**

Trial packet, 10 cts.

SANTIVALIA. Charming annual of spreading habit, especially suited for small beds, edgings, rockwork, and hanging baskets or window boxes, etc.. Bears double and semi-double, ranunculus like flowers of golden yellow tint. Blooms from July until frost. Succeeds best in light sandy soil. Ht. 6 inches. **¼ oz., 30 cts.; pkt., 10 cts.**

WALLFLOWERS

These can be treated as annuals, and if wanted for earliest bloom in the garden should be sown in the house early in season. Sown out-of-doors later they bloom from July to frosts. They are one of our most delightful winter-flowering plants for the house. All are exquisitely fragrant and when cut last a long time in water. They love a warm, sunny spot in the garden.

SINGLE ANNUAL

Early Parisian. Brilliant golden, shaded orange red.

Primrose. Soft primrose tint.

Bloodred.

Mixed

¼ oz., 50 cts.; pkt., 10 cts.

WHITLAVIA

Very showy annuals, with bellshaped flowers, borne in profusion on compact plants. Ht. 12 inches.

Grandiflora. Blue. **Oz., 25 cts.; pkt., 5 cts.**

Grandiflora. Blue with white throat. **Oz., 25 cts.; pkt., 5 cts.**

VERBENAS

MAMMOTH STRAINS

These are very easily raised from seed. They produce large trusses of brilliantly colored flowers, especially fine for beds. Much used for early **pot plants.**

Verbena Giant Pure White	**Scarlet Defiance**	
Striped Sorts	**Blue**	
Auricula Eyed	**Rose**	
		Per pkt.
All colors mixed	**¼ oz., 40 cts.**	**.10**
	¼ oz., 35 cts.	**.10**

SHIZANTHUS

BUTTERFLY FLOWER

These form one of the most charming flowers for the garden in summer and for the house in winter. Sow for early bloom in the house about February. Sown outdoors they bloom all through July up to early frosts. All Shizanthus have beautiful laciniated blossoms with contrasting colored lips. The wealth of tints represented in them is astonishing. They are of **easiest** culture preferring light soil and a **sunny** exposure. Ht. 2 to 2½ feet.

Grahami. Deep rose with orange lip speckled brown.		**Per pkt.**
	¼ oz., 15 cts.; oz., 50 cts.	**$0.05**
Retusus albus. White and gold	**¼ oz., 20 cts.**	**.10**
Retusus. Red and yellow	**¼ oz., 20 cts.**	**.10**
Wisetonensis. Enormous range of charming colors, from white with yellow centre to carmine rose with brown centre.		
	Trial pkt., 10 cts.	**.25**

VIRGINIAN STOCKS

One of the prettiest, most useful annuals to grow. The bright and brilliant colors make a great display between spring and summer flowers, producing a singularly happy effect wherever grown. Ht. 6 inches. If the seed is simply scattered on the ground, in the crevices of stones, rocks, or old walls the darling flowers appear with incredible swiftness. Colors are mauve, rosy purple, crimson, and white. All shades, mixed **½ oz., 15 cts.** **.05**

OUR WILD FLOWER SEED

SPECIAL NOTICE

We make up a mixture of **seeds** for the Wild Garden in Annuals and Perennials. The seed for annuals consists in all sorts which will blossom **one** season and have to be renewed the next with exception of some who will scatter seed which often come up the following season, especially if a mild winter intervenes.

This seed can be scattered broadcast, raked in, lightly watered and left to itself, unless in **very** dry seasons the watering can be left to the heavens.

Annual Wild Flower seeds. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.

Our **perennial** wild flower seed contains a collection of very choice perennials combining all varieties, colors, etc. This is a **very** fine seed and as we **mix** it ourselves there is no danger of only a very few straggling sorts appearing. In sowing this you can be **sure** of **excellent** results.

Perennial Wild Flower seeds. Pkt., 10 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.

Seeds for the Seashore. This consists of all such flowers which will thrive in **salt air** and seafogs. **Especially** selected. **Pkt., 10 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.**

Verbena

ZINNIAS

An **invaluable** plant for the garden. One of the most grateful showy garden annuals. Have you ever seen a row of them standing like a regiment of soldiers in bright uniforms, white, sulphur, scarlet crimson, all the colors of the rainbow. If not, you have missed one of the most brilliant displays. There are so many colors and sizes of them quite bewildering, but **all** are magnificent in bloom. And they are so modest, requiring literally no care above a fairly good soil and a good supply of water especially at blooming time. Sown in succession they keep up a continuous display of beauty throughout summer. The tones of colors are as pure and elegant as seen in Begonias.

ZINNIAS ELEGANS

SINGLE FLOWERING

White	**Rose**
Red	**Orange**
Yellow	**Flesh Color**

¼ oz., 15 cts.; pkts., 5 cts.

One pkt., each of the six sorts. **Six pkts., 25 cts.**

Double Zinnias

Zinnia—Haageana Stellata

NEW ZINNIA HAAGEANA STELLATA HYBRID

Per pkt.

A splendid novelty in this favorite flower. The petals are as picture shows, star formed, twisted downward. The single blossoms are large and the colors range through primrose, golden yellow, orange, light red, dark blood-red, yellow with red points, red with yellow points, in short, the richest tints, making a group of these flowers a brilliant sight and ornament to any garden. Ht. 10 to 12 inches.

Trial pkt., 10 cts. ... **.25**

ZINNIA HAAGEANA SULPHUREA DOUBLE FLOWERED

A new variety of the dwarf spreading Zinnia of Mexico. Ht. 15 to 18 inches. The double flowers range in shades from sulphur to golden orange. Very showy in beds or borders. ..... **¼ oz., 40 cts.** ... **.10**

ZINNIA DOUBLE TALL Ht. 2 feet

Rose	**White**	**Crimson**
Golden yellow	**Scarlet**	**Sulphur**
Lilac	**Striped**	**Flesh color**

Any color separate ..... **¼ oz., 20 cts.; oz., 60 cts.** ... **.05**
Mixed strain ..... **¼ oz., 20 cts.; oz., 60 cts.** ... **.05**
Collection of nine colors, nine packets, **40 cts.**

ZINNIA ELEGANS, DOUBLE DWARF

Very double flowers of intense brilliancy. Ht. 1½ feet

Rose	**Crimson**	**Flesh pink**
Salmon pink	**Orange or gold**	**Sulphur**
White	**Mixed**	

Any color separate ..... **¼ oz., 20 cts.; oz., 65 cts.** ... **.05**

ZINNIAS LILLIPUT OR TOM THUMB

A charming Dwarf sort, forming compact bushes one foot high literally smothered in the brilliant flower heads.

Scarlet Gem	**Golden Gem**	**Lilac Gem**
White Gem	**Orange Gem**	**Mixed**

Each separate ..... **¼ oz., 50 cts.** ... **.10**

ZINNIA CURLED AND CRESTED

Large double flowers curiously twisted and curled like Cactus Dahlias, many colors mixed ..... **.10**

SWEET PEAS

Truly the **poor man's orchid.** They grow so easy and repay so grandly. No garden is a Garden that does not contain a row of these heavenly blossoms. The list we submit is **carefully** selected from out a bewildering array of all sorts and tints offered. Often the mere form of a petal is enough to create out of it a **"new variety."** The slightest variation in tint will become a **new named** sort. We give the **colors** separate to facilitate selection, many preferring distinct color schemes in planting Sweet Peas. **Order early** and **sow early.** The best time is as soon as all danger of frost is past.

Sweet pea seed is **very scarce** for the spring of 1915. Send **early** orders to avoid disappointment.

Packets contain 40 to 50 seeds.

Spencer Type Sweet Peas

SPENCER TYPES OF SWEET PEAS

	¼ lb.	Oz.	Pkt.
Apple Blossom Spencer. Beautiful white and rose tints, petals and wings very large, fluted	1.00	.40	.10
Asta Ohn Spencer. Each stem bears four to five flowers of the most beautiful softest lavender. **A gem of sweet peas**	1.75	50	.10
Aurora Spencer. Cream white ground, mottled with rich orange salmon	1.25	.35	.10
Beatrice Spencer. A beautiful shade of rose with wide expanded wavy standards and wings	1.00	40	.10
Blanche Ferry Spencer. Standards bright rose, wings bluish white, often flushed pink	2.00	.50	.10
Clara Curtiss Spencer. A magnificent primrose tint	1.75	1.00	.15
Countess Spencer (True type). Softest rose pink, to deeper rose. Flowers very large, borne three and four on long, stiff stems	1.00	.30	.10
Dainty Spencer. Pure white with rose pink margin. Very fine	2.00	.30	.10
Etta Dyke Spencer. The most magnificent largest **pure white** Spencer	1.75	.50	.15
Flora Norton Spencer. The richest purest lavender tint imaginable	1.00	.30	.10
Florence Morse Spencer. Delicate blush with rose pink margin. Very large wide open flowers with long stems, generally four flowers to the stem. **Magnificent**	1.25	.40	.10
George Herbert Spencer. A magnificent light rose carmine	1.00	.35	.10
Helen Lewis Spencer. Intense rich orange salmon. Very large flowers, beautifully waved	1.00	.35	10
King Edward Spencer. Truly gigantic blossoms of richest dazzling crimson scarlet	1.00	.40	.10
Irish Belle or Dream. Color a lovely grayish lilac flushed with rose. A magnificent **new** sort			.10
Margaret Atlee Spencer (**New**). Rosy salmon, shaded buff. A very glorious tint. ½ oz. 25 cents			.15
Marie Corelli Spencer. Wings pure rich rosy crimson; standards a cerise red. Like a huge butterfly of brilliant coloring	1.50	.50	.10
Mary Garden Spencer (**New**). A most beautiful rich creamy pink, inclined to duplex. Bold large flowers, immense fluted standards and wings		.50	.10
Martha Washington Spencer. Pure white, edged with deep pure rose	.85	.30	.10
Mrs. Routzhahn Spencer. A very showy sort, apricot pink and primrose. Enormous flowers. One of the best	1.25	.45	.10
Othello Spencer a beautifully large deeply waved flower of deep maroon	1.00	.40	.10
Pearl Gray Spencer. The fascinating color is light dove or pearl gray, contrasting exquisitely with the deep scarlet rose and blue tones. ½ oz. 25 cents			15
Primrose Spencer. Clear primrose	1.50	.50	.10
Senator Spencer. On light heliotrope ground appear flakes of deep claret and chocolate. **Immense** flowers, prolific bloomer	1.00	.35	10
White Spencer (**Snowclad**). **Profusion** of large richly fluted and waved flowers three and four to the stem	1.50	.45	.10
The Finest Mixture of Spencer type Sweet Peas. All sorts, all colors represented	lb. 3.50	1.00	.35 10

SWEET PEAS — Continued

PURE WHITE

	Lb.	¼ lb.	Oz.	Pkt.
Blanche Burpee. Pure white	$2.00	$0.65	$0.25	$0.05
Emily Henderson. Profuse flowering, very early, large flowers	2.00	.60	.20	.05
Mont Blanc, or Florence Denzer. The **earliest** white. A pure paper white	2.00	.60	.20	.10
Nora Unwin. Very large, beautifully waved flowers, generally three borne on one stem. Very bold wavy standards	2.50	.75	.30	.10

BLUSHROSE

Countess of Lathom	2.25	.65	.25	.10
Gladys Unwin. One of the finest of the Unwin type with striking upright crinkled and waved standards, broad wings. The most exquisite pale rose	2.00	.65	.30	.10
Lovely. Soft shell pink. Very refined flower	1.00	.35	.10	.05
Prima Donna. Large flowers of very soft light rose	1.50	.50	.15	.05
Queen of Spain. Peach blossom pink. Very large flower	2.00	.60	.20	.10

DEEP ROSE AND CARMINE ROSE

Bolton's Pink. A very brilliant rose	2.25	.60	.25	.10
Janet Scott. A deep very rich rose. Very large sized wings, enormous flower	2.25	.65	.20	.10
Prince of Wales. Deep clear rose pink a unique shade splendid in artificial light	2.50	.75	.25	.10
Rose du Barri. This is a marvelously beautiful type. Flowers are a deep rose color overlaid with a lovely shade of terra cotta. Unsurpassed for decorations and artificial light	2.00	.60	.20	.10

VARIEGATED AND MARGINED

Blanche Ferry. Extra early. The very finest rose and white variety. **Very early** flowering	2.00	.60	.15	.05
Aurora. Very large flowers creamy white petals, beautifully flaked with orange salmon. Extremely showy	1.75	.50	.15	.05
America. White ground striped crimson red. Fine	1.50	.40	.15	.05
Dainty. Large beautifully formed flowers, pure white with rose pink margin. A charming contrast	1 50	.40	.15	.05
Hester. White ground with deep blue stripes giving a unique mottled appearance. Very rich flowering	1.25	.40	.15	.05
Jessie Cuthbertson. Primrose yellow to light cream with rich dark rose flakes overlaying petals	1.50	.40	.15	.05
Prince Olaf. Immense bold flowers, often four to a stem, striped and mottled brilliant blue on white ground	1.75	.60	.25	.10

CRIMSON AND SCARLET

	Lb.	¼ lb.	Oz.	Pkt.
King Edward VII (Firefly). The most brilliant self-colored bright scarlet	1.75	.50	.15	.05
Millie Maslin. Crimson red, one of the richest, dazzling shades	2.00	.60	.20	.05
Queen Alexandra. Brilliant rosy scarlet of intense coloring. A very large bold flower. Not affected by hot sunshine	1.75	.50	.15	.05
Salopian. A magnificent showy **clear** scarlet, **sunproof**	2.00	.60	.20	.05

YELLOW, SALMON, AND PRIMROSE

Evelyn Byatt. Rich orange salmon. Very large flower. Magnificent	2.00	.60	.25	.05
Golden Rose. Very exquisite light rose yellow. **Unique**	2.00	.60	.20	.05
Mrs. Eckford (Golden Gleam). Light primrose selfseeded	2.50	.75	.25	.10
Early Sunbeams. Rich primrose tint. Very early, free flowering	2.25	.60	.20	.05
Hon. Mrs. Kenyion. Bold, very large flower, of clear primrose tint	1.75	.50	.15	.05
Miss Wilmott. Orange pink, graceful flower, magnificent for artificial light	2.00	.60	.20	.05
Wm. Sim. A magnificent pure salmon tint	3.00	.85	.25	.10

CLARET AND MAROON

Black Knight. Dark claret and brownish purple. **Showy**	2.00	.60	.20	.05
Othello. A very deep maroon self-color	1.75	.50	.15	.05
Berger's Choicest Excelsior Mixture	1.25	.35	.10	.05

CERISE

Chrissy Unwin. Large wavy petals. Flowers a rich deep cherry	2.00	.60	.20	.10
Coccinea. A magnificent self color of most brilliant cherry	2.00	.60	.20	.10

LAVENDER, BLUE AND PURPLE

Brilliant Blue. The **richest** most showy blue of clear tint	2.00	.60	.25	.10
Captain of the Blues. Clear fine purple	1.50	.35	.15	.05
Countess of Cadogan. Reddish mauve standards, wings bluish violet. A brilliant tint	1.50	.40	.15	.05
Countess of Radnor. Lovely clear lavender, one of the best	1.75	.50	.20	.05
Frank Dolby (Unwin type.) Bold wavy standards and wide spreading wings, the whole beautifully waved and fluted	3.50	1.00	.35	.10
Flora Norton. Beautiful clear light blue	1.75	.50	.20	.05
Duke of Clarence Westminster. Rosy claret and violet. Very beautiful	2.00	.60	.20	.10
Navy Blue. Large flowers of deepest violet purple	1.75	.60	.20	.10
Lady Grisel Hamilton. Very dainty graceful flower. Standards light lavender, wings azure blue	3.50	1.00	.25	.05

Perennial Garden

PERENNIAL FLOWER SEEDS

While **annual** flowers are beautiful while they are with us, Perennials continue to be a joy for many seasons, the older plants being susceptible of division and replanting. It is really easy to raise Perennials successfully, and only requires a little experience and following of directions where no previous knowledge has been gained. Sow the seeds in **spring** to **midsummer.** Begin end of May when all **Hardy Perennial** seeds can be sown with success up till early August. The **best** success is attained by sowing in a frame, keeping it well shaded from the hottest sun. Fresh air is necessary which can be given by raising the sash slightly every day from early morning till late afternoon. The ground must be well prepared before sowing seed and kept uniformly **moist** but **not wet.**

The seedlings must be transplanted after having attained a height of three to four inches. Thinning is necessary the same as in **annuals.** During **September** till early October the young plants must be transplanted to their permanent positions unless it is preferable to leave them in the frames. Plants thus raised will flower the next summer.

We send **special directions** whenever desired "How to grow Perennials Successfully From Seed."

Achillea "The Pearl"

ACHILLEA. (MILLFOIL OR YARROW)

Per Pkt.

Ptarmica, flore pleno. The Pearl—Improved sort, bearing masses of double white flowers, splendid for cutting. Ht. 2 feet ..... .10

ACANTHUS LATIFOLIUS (Bear's Breech). Stately, hardy plants with handsome foliage, producing spikes 5 feet high of delicate rose and white flowers. Excellent for specimens on lawn or in border. Flowers July and August.....Oz., 50 cts.. $0.10

ACONITUM, MONKSHOOD

Napellus. Dark blue ..... .10

Napellum album. Pure white flowers. Ht. 5 feet ..... .10

Aureum (Novelty). Giant **yellow** Monkshood, soft yellow flowers in July and August.....Trial pkt., 10 cts.. .25

ADENOPHORA POTANINI (Giant Bellflower). Beautiful hardy perennial with numerous large bell-like flowers, drooping habit. Color a delicate azure. Ht. 18 inches. July to September .10

ADONIS VERNALIS. Adonis's flower of spring. The huge buttercup like flowers appear when the snow is barely off the ground. One of the finest spring flowering perennials. Ht. 9 inches. ¼ oz., 25 cts.. .10

AGATHEA COELESTIS (Blue Marguerite). Flowers a rich blue with golden centre. Ht. 18 inches.....¼ oz., 25 cts.. .10

ALSTROEMERIA (Peruvian Lily). Beautiful lily-like flowers in great clusters on slender stems. Colors range from primrose yellow to deep gold and orange red. Splendid for cutting. Will only germinate in cool, damp weather. Sow 18 inches apart. Blooms June to August. Ht. 3 feet. Mixed colors ...¼ oz., 50 cts.. .10

ALYSSUM

Saxatile compactum (Gold Dust). Produces billory masses of bright yellow flowers, throughout the whole season. Spreading habit. Ht. 6 inches.....Oz., 75 cts.; ¼ oz., 20 cts. .10

Saxatile Silver Queen. The flowers are a lovely primrose tint. Ht. 9 inches .....Trial pkt. 10 cts.... .15

ANCHUSA BARRELIERI. Freeblooming, forget-me-not-like flowers. Ht. 18 inches. July and August....¼ oz., 25 cts. .10

Anchusa Italica Dropmore. Handsome bushes covered with brilliant Gentian blue flowers, during June to August. Ht. 4 to 5 feet.....¼ oz., 75 cts... .15

Per Pkt.

ANEMONE SYLVESTRIS (Windflower). Large cup shaped white flowers especially fine for naturalizing. Ht. 1 foot ..... .10

ANTHERICUM LILIAGO. St. Bernard's Lily. A magnificent perennial bearing spikes of pure white **lily-like** flowers, during May and June. Excellent for cutting and very fragrant. Ht. 2 feet.....½ oz., 50 cts... .10

Liliastrum (St. Bruno's Lily). A truly charming plant with long narrow grass-like foliage and white lily-like flowers with a green blotch on each petal. Ht. 2 feet.....⅛ oz., 50 cts.... .10

ANTIRRHINUM

SNAPDRAGON

These beautiful flowers are coming into their own, as they were bound to do, sooner or later. There are no other flowers which give such a lavish return for so little trouble. Any one can grow them, you need no greenhouse, unless it be, to raise a few plants for very early flowering. Seed can be sown at once in the open ground.

Buy only the very best strain of seed. It were time and trouble thrown away to buy any seed but the **very best.** To give the very best color effect, buy and grow the plants in separate colors. Mixed colors are kaleidoscopic and please some, but you cannot produce **color harmony,** real floral music, unless you have the pure color tones to play with.

ANTIRRHINUM MAJUS

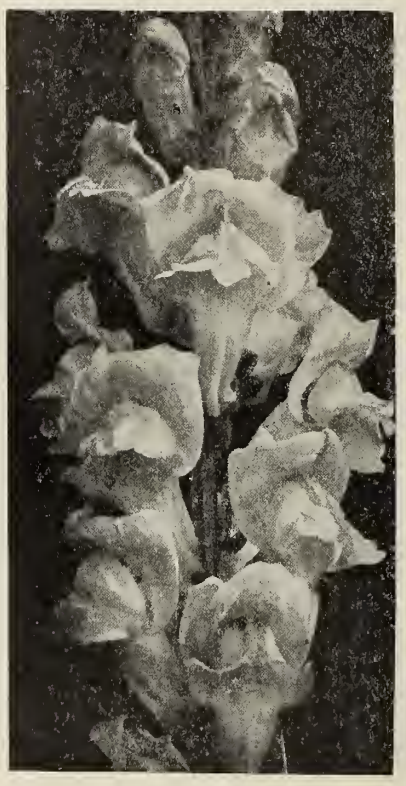
These comprise the **tallest** growing varieties. Plants attain a height of 2 to 2½ feet, branching habit, **giant** flowers, very floriferous.

Brilliant. Scarlet yellow and white.
Fairy Queen. Golden orange with white throat.
Galathea. Crimson, white throat.
Luteum. Sulphur yellow
Striped sorts.
Grandiflorum Majus. Mixed colors.
Delicata. Bright rose.
Firefly. Orange scarlet with white throat. **New** very striking.
Coral Red. New color, delicate light scarlet with white throat.
Nigrescens. Dark purple.
Queen Victoria. Pure white.
Mixed colors.

Any of the above listed sorts.....Oz., $1.00; ¼ oz., .30; pkt. .10
The ten sorts in a **collection** of ten pkts. **75 cts.**

ANTIRRHINUM MAJUS NANUM (Semi Dwarf)

These attain a height of 18 inches the flowers are immense and the whole is of dazzling beauty. Very effective if planted in the foreground of taller sorts.



Antirrhinum (Snapdragon)

Buff Queen. Salmon buff with yellow centre.

Golden Queen. Giant flowering golden yellow.

Montblanc. The **largest** flowering white.

Prince Chamois (New). Gold chamois.

Daphne. Beautiful deep rose with white throat and lip.

Mauve Queen. New art shade of rosy heliotrope.

Daybreak (Aurora). Magnificent vermilion deep scarlet with white throat.

The Bride. White, turning into rose. Most beautiful.

Black Prince. Black red with white throat. **New, very striking.**

Striatum. Striped.

Mixed.

Any of the above sorts listed **¼ oz., 50 cts.; pkt. 10 cts.**

The ten listed sorts in **collection** of ten packets **75 cts.**

DWARF BEDDING GIANT FLOWERING ANTIRRHINUMS

These attain only a height of 8 to 9 inches. Unsurpassed in beauty for beds, borders, ribbon effects and for rockwork.

Snowflake. Purest white. **per pkt.**
Scarlet Slipper. Dazzling.
Sanguineum. Bloodred.
All colors mixed.
Antique rose. A charming shade.
Golden Shoe. Very rich golden yellow.
Striatum. Striped.
Mixed colors

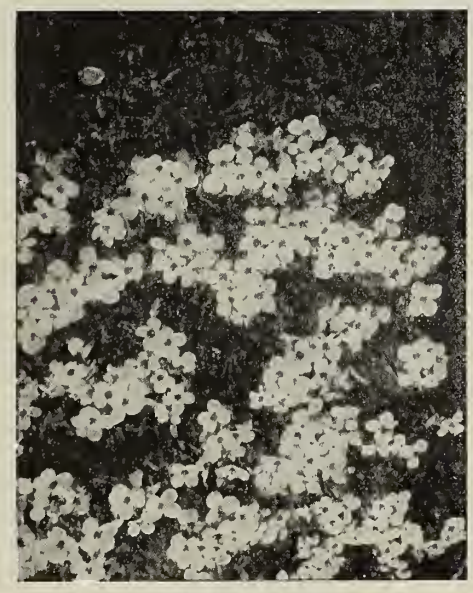
Any on list.....¼ oz., 75 cts... .10
The six colors in collection of six packets **50 cts.**

AQUILEGIA

COLUMBINE

If you do not know this splendid and lovely flower the picture will convey to you much less than it would did you have just a passing acquaintance with it. Nothing can excel in tender beauty and charm these plants when in flower, whether as single plants or in beds, in masses or groups. The richness and wealth of coloring is so stunning the eye can hardly take them all in. We list the **very best** sorts all selected with **special** care.

Chrysantha. Long spurred, pale yellow, clear tint. Ht. 3 feet. ¼ oz., $1.25... $0.10
Californica Hybrida. Orange red and yellow, long spurred hybrids; extremely showy.....¼ oz., $1.00 .10
Rose Queen. Long spurred flowers of the loveliest rose shade with white centre and long golden anthers.....Trial pkt., 10 cts... .25
Cærulea (Rocky Mountain Blue). Clear blue with snowy white Corolla. A magnificent sort.....Trial pkt., 10 cts... .25
Alba. White..... .10
Skinneri. Green and gold, long spurs .... Trial pkt., 10 cts... .25
One of each of the six colors, **6 packets 85 cts.**
Mixed shades. Single flowered.....¼ oz., 40 cts... .10
Double flowering Aquilegias, mixed .....¼ oz., $1.00.. .10



Arabis Alpina

ARABIS ALPINA (Rock Cress). A charming plant for bedding and rockwork. Bears masses of white bloom in early spring. Ht. 10 inches. Plant with golden Alyssum Saxatile and blue Aubretia .....Oz., $1.00.. .10

ASTER MICHAELMAS DAISIES

These grand Perennials are very easily raised from seed, and if sown very early in spring bloom as a rule the first season. Colors vary in the most beautiful tints.

White Queen. Free flowering, pure white
Novæ Anglica. New rose and pink Hybrids
Novæ Belgii ranging from lavender to blue and purple.
Separate colors .....¼ oz., 75 cts... .10
All shades mixed.....¼ oz., 50 cts... .10

ARMERIA MARITIMA (Thrift or Seapink). Thrives anywhere. Fine for cutting. Pretty edging plant with deep rose colored flowers. Ht. 1 foot ..... .10

ASCLEPIAS TUBEROSA. Compact umbels of brilliant orange red flowers during July and August. Invaluable for border and shrubbery groups. Ht. 2 feet.....⅛ oz., 30 cts... .10

AUBRIETIA

FALSE WALL CRESS

These absolutely **first** class dwarf perennials will do well anywhere. They are veritable streams of color in their season, mantling the ground and draping rocks with vivid fire of purple, lilac, and lavender, rose and crimson.

Per pkt.
Graeca. Lavender to purple.....$0.10
Leichtlini. Rosy carmine to blush..... .10
Moerheimi. Glowing rose..... .10
All shades mixed..... .10

Hardy Auricula

AURICULA (Hardy Border Plant)

Few people seem to realize what a beautiful flower this is. It seems as yet almost a stranger here. The seed germinates best sown in spring in boxes and kept well shaded from the sun.

Mixed in most beautiful shades of fawn, amber, bronze yellow, beautiful assortment. .....Trial pkt., 10 cts... .25

BAPTISIA AUSTRALIS (False Indigo). Very sturdy, strong growing plant producing in June and July spikes of pea-shaped bright blue flowers. The spikes are 6 inches long, the plant 2½ feet high. ¼ oz., 25 cts... .05

CAMPANULAS—BELLFLOWER

CARPATHIAN HAREBELL

Carpatica. Blooms all summer. The flowers are clear China blue, large, cupshaped, beautiful for permanent beds or massing on rocks; fine border plant. Ht. 1 foot.....¼ oz., 20 cts... .10
Carpatica alba. White form.....¼ oz., 20 cts... .10
Glomerata. Clustered Bellflower. Deep violet blue flowers in dense clusters. July and August. Ht. 18 inches..... .15
Persicifolia (Peachleaved). The Peachleaved Bellflowers are as **hard** as nails, never fail to do well everywhere, sending up year after year bigger and better sheaves of bloom. Last a long time when cut. One of the most satisfactory sorts. Spikes of large flowers. Excellent for cutting. Ht. 2 feet.
Blue. ..... Trial pkt., 10 cts... .25
White .....Trial pkt., 10 cts... .05
Moerheimi a very beautiful form of large, wide open, semi-double flowers borne on long erect stems. Trial pkt., 10 cts... .25

Pyramidalis (Chimney Bellflowers). Noble plants 4 to 5 feet high covered with large handsome salvershaped flowers.
Blue flowered.....¼ oz., 25 cts...$0.10
White flowered.....¼ oz., 25 cts... .10
Mixed.....¼ oz., 20 cts... .10

Rotundifolia (Blue English Harebell). A lovely plant. Azure to violet blue flowers, borne on slender stems. Ht. 1 foot. ¼ oz., 35 cts... .10

Medium (Canterbury Bells). Gracefully erect, leafy stems, bear huge panicles of flowers, which continue to open for a long period of time. Ht. 2½ feet ..... .10
Single: Azure Blue, Mauve, Rosepink ..... Oz., 40 cts... .10
Double: Lavender, Violet Blue, Rosepink ... Oz., 40 cts... .10
Single, mixed colors .....Oz., 30 cts. ...10
Double, mixed colors .....Oz., 30 cts... .10

Calycanthema (Cup and Saucer) (Canterbury Bells). Calyx very large, same color as flowers. Superb and showy. Gorgeous decorative plants in beds or as single specimens in pots. Ht. 2½ feet to 3 feet.
Separate or mixed Lavender, Purple, Blush, Rose..... .10

CARNATIONS (MARGUERITE)

Most fascinating for amateurs to raise these **divine** flowers from seed. Frequently the most beautiful Novelties are found amongst seedlings. Seeds sown in January to March in the house bloom by first of July. In winter the plants must be protected with coarse straw or evergreen branches the same as roses. If wanted for winter bloom, pot the plants in late fall and bring in the house. The seed we offer will be found to bring 75 to 80 per cent. of **doubles.**

Giant Imperial Marguerite Improved. Immense double flowers of greatest range and brilliancy of colors. **The best** carnation in existence and easiest to raise. Ht. 18 inches. **Trial pkt., 10 cts.** **pkt. $0.25**

Chabaud's Early Flowering. Will bloom six months from seed. Ht. 18 inches, beautiful delicate tints..... **Trial pkt., 10 cts.** .25

Grenadin. Very showy, very double flowers. Color a bright scarlet red. Ht., 15 inches..... **Trial pkt., 10 cts.** .25

Perpetual or Tree Carnation. Long wiry stems crowded with very large, double flowers of glowing colors. **Trial pkt., 10 cts.** .25

Riviera Marguerites or Giants of Nice. A grand **new** strain originated in the south of France near Nice. Flowers of enormous size, and glorious colors. Bloom in seven months from seed. **Trial pkt., 10 cts.** .25

Yellow and yellow ground sorts. ..... **Trial pkt., 10 cts.** .25

All sorts of Carnations mixed. ..... **Trial pkt., 10 cts.** .25

HARDY PERENNIAL DAISIES

Most grateful and comforting flowers. When the Mignonette fails and parsley even refuses to grow, one can always turn with pleasant anticipation to these hardy flower friends. They are so **easy** to grow. Just drop the seeds in any tolerably good soil, accessible to some sunshine and moisture, then wait and see what they will do. Do not coddle them and they will surely surprise you.

SHASTA DAISY

Does this need any description? Surely you all know its beauty of immense white petals, like rays around a dark or deep yellow disk. The large bushes of this magnificent garden plant are beautiful and useful wherever planted ..... ¼ **oz., $1.25; ⅛ oz., 75 cts.** .10

HALF DOUBLE SHASTA DAISIES

This new race has been finally established **coming true from seed.** The flowers are all very large, with a very small yellow disk, very long snowy white florets. Many are double, others half double with 4 to 6 rows of ray florets or petals. The stems are very long, wiry, not hollow. For richness of bloom and lasting qualities, no flower surpasses this. It is very hardy and forms large bushes like its prototype and parent, the single Shasta Daisy. Seed can be sown in open ground in April or May, or indoors, when seedlings can be transplanted when frosts are over..... **Trial pkt., 10 cts.** **pkt. 25**

DAISIES BELLIS PERENNIS

If you have no **daisies** flowering in your garden you miss one of the greatest delights of spring. If you have never raised double daisies from seed you have never experienced the gardener's delights and disappointments. Every seed may not prove a **swan**, but oh, what a joy when some of them blossom forth into **true giants** of brilliant tints and beauty.

Giant Snowball. ..... ⅛ **oz., $1.00** **$0.10**

Giant Rose. ..... ⅛ **oz., $1.00** .10

Giant Rubrum. Red. ..... ⅛ **oz., $1.00** .10

Mixed Giant Daisies ..... ⅛ **oz., $1.00** .10

CALLIOPSIS OR COREOPSIS

Grandiflora Lanceolata. One of the finest and hardiest. Really indispensable where bright flowers are required. Golden yellow laciniated flowers. For cutting it is unrivalled.

Mixed perennial Coreopsis ..... ¼ **oz., 25 cts.** .05

HARDY CANDYTUFT IBERIS SEMPERVIRENS

Excellent border and rock plant, thriving in sunshine and shade equally well. The flowers are produced in such abundance that when in bloom the whole plant resembles a drift of snow. **Needs** very little or no care. Pure white flowers..... .10

Gibraltarica, beautiful delicate mauve..... **Trial pkt., 10 cts.** .25

DAHLIAS

Can be treated as an annual. Sow seeds early in the house to obtain bloom in fall. Few flowers have such a grand decorative effect as the **dahlia.**

Single. Extra choice Giant flowering mixed..... ¼ **oz., 20 cts.** **$0.10**

Double. Representing the very best sorts... **Trial pkt., 10 cts.** .25

Cactus Dahlias. Very choicest kinds..... **Trial pkt., 10 cts.** .25

MAMMOTH DAHLIA—NOVELTY

No Dahlia enthusiast can miss this grand flower in his collection. It leans most toward the type of the gorgeous new Pæonia Dahlias, as picture shows, although there will be found flowers with twisted and curled petals showing the strain of the Cactus variety. The dimensions of the flowers which are borne on very long stiff stems, are from 7 to 8 inches across, and range in colors through a bewildering variety from pure white through all lilac and mauve tints. From delicate blush through rose, crimson to deep red and maroon. Yellow, primrose, orange, bronze, all are found. A group of these Dahlias are a glory to any garden. Bloom first year, but attain full glorious perfection and masses of bloom the second year. Do not fail to give this a trial if interested in Dahlias. **Trial pkt., 10 cts.; pkt., 25 cts.**

Dahlia Coronata. This magnificent Dahlia bears on long graceful stems which stand well out from main stem, large, single flowers of a brilliant flaming scarlet color, which exhale a delicious honey sweet fragrance. It is the only sweet scented Dahlia so far found. The petals are slightly incurved. The plants attain a height of 4 to 5 feet. The blossoms close up at night, having the appearance of a crown. It is of gorgeous effect in the garden and for cut flowers unsurpassed, lasting for days in water. The seed germinates freely, flowering from 3 to 4 months after sowing. **Pkt., 10 cts.**

Dahlia—Mammoth

DELPHINIUMS

PERENNIAL LARKSPURS

Blue Butterfly. Can be treated as an annual although the roots are perennial. **Deep** gentian blue. Ht. 18 inches. **Pkt., 10 cts.**

Bella Donna. A magnificent plant of branching habit, producing masses of the most exquisite turquoise blue flowers. Ht. 4 feet. **⅛ oz., $1.00; Trial pkt., 10 cts., pkt., 25 cts.**

Formosum. Single rich deep blue satiny flowers with a pure white eye. Very showy and effective. Ht. 2 ft. **Oz., $1.00; pkt., 10 cts.**

Delphinium—Bella-Donna

Cardinale. Tall branching plant with masses of vermilion red, very showy flowers. Brilliant and effective. Ht. 3 feet. **Pkt., 10 cts.**

Nudicaule. Same as preceding, but the flowers are of orange scarlet tint. **Pkt., 10 cts.**

Zalil. A plant of most graceful form, and habit. The flowers are pale sulphur, a most rare and lovely shade. Ht. 3 to 3½ feet. Loves shady position. **Trial pkt., 10 cts.; pkt., 25 cts.**

DIANTHUS (Perennial Rock Pink).

Cheddar Pink. A lovely dwarf plant, Ht. 4 inches, elegant for edging or rockwork. Bright rose flowers. **Pkt., 10 cts.**

Deltoides rosea. Another lovely pale rose flowering sort. **Pkt., 10 cts.**

DICTAMNUS (Gas-plant or burning Bush Fraxinella). A favorite in old-fashioned gardens. Fragrant spikes of rosy flowers. Beautiful in border. Ht. 2 feet. **Oz., 40 cts. pkt., 10 cts.**

Albus. White flowered. **¼ oz., 50 cts., pkt., 10 cts.**

Dahlia Coronata

Group of Digitalis—Foxgloves

ERIGERON SPECIOSUS SUPERBUS HYBRIDUS

Per pkt.

These are amongst the most enchanting summer flowering plants. The golden disks are surrounded by ray petals of a most delicate lavender and mauve tint, like silken fringe. The bushes, 2½ feet high, are smothered in these lovely blossoms. The habit of plant is compact, the flowers large and last for the longest time when cut.

⅛ oz., 40 cts... .10

Erigeron Speciosus

DIGITALIS

FOXGLOVE

A more lovely plant or one easier to grow would be difficult to find. Seeds spring up readily wherever sown, in fact it is selfseeding and soon forms dense tufts of blooming plants. It is especially effective in borders, for naturalizing in wild gardens, woodlands, which is its natural habitat, amongst shrubbery the tall flower spikes lend great beauty. Loves moisture and partial shade. Ht. 2 to 3 feet.

Siberian Edelweiss

Per pkt.

Gloxinoides. Large flowers, beautifully spotted.
Oz., 60 cts...$0.05

Per pkt.

Purpurea. Bright rose to lilac rose and purple.....Oz., 75 cts... .05
Purpurea alba. Large white flower.....Oz., 60 cts... .05
Ambigua. Monstrous flowers of primrose to soft yellow. A beautiful color.....¼ oz., 25 cts... .10
All shades mixed......Oz., 50 cts... .05

EDELWEISS, SIBERIAN

Have you ever visited the Swiss Alps and seen a mass of these exquisitely chaste flowers blooming in their home? The recollection of their beauty will linger forever. To those who have not had the good fortune to see this delicate flower on its native soil; it is easy to grow it in their own home garden, and the velvety pure snowy flower will bring a sweet memory or a new delight to grower. The poetic beauty of these blossoms cannot be extolled sufficiently. It is easily grown, perfectly hardy and will stand severe winters.

Trial pkt., 10 cts... .25

GAILLARDIAS (Perennial Sorts)

Bloom the first year if sown early. These perennial Gaillardias are amongst our finest garden and border plants. The flaming colors showing all the tints of sunset make them most effective and showy.....¼ oz., 35 cts... .10

GERANIUMS

Most interesting to raise from seed.

Zonale. Seed saved from best show plants.....Trial pkt., 25 cts...$0.30
Sweet apple scented. Very fragrant. Fine for pots and edgings. Ht. 9 inches.....Trial pkt., 10 cts... 25

GEUM

Hardy border plants flowering continuously from spring till late autumn. Splendid for cutting, last a long time.

Mrs. Bradshaw. The flowers of this new sort are twice the size of the older sorts. Petals are wonderfully curly and frilled, wavy and very double. Color a rich dazzling scarlet. A most showy table and room decoration. Ht. 2 feet.....Trial pkt., 10 cts... .25
Heidreichi. Has all the good qualities of Mrs. Bradshaw, the color, however, is a rich orange red. Ht., 1 foot.....Trial pkt., 10 cts... .25

Gerbera Jamesoni—Transvaal Daisy

GERBERA JAMESONI HYBRIDS

TRANSVAAL DAISY

A gorgeous hardy Perennial. Flowering both summer and winter. The flower stems rise from the very crown of the plant to the surface to a height of 2 feet and are most graceful, bearing large daisy-like blossoms 3 to 4 inches in diameter, with a velvety texture making them particularly beautiful. The range of color is of the widest, from pure white through all shades of sulphur yellow, orange, to dazzling scarlet, rose, and blood red. Magnificent in open ground for summer and unrivalled as a pot plant in winter **Trial pkt., 10 cts.; pkt., 25 cts.**

Red Sunflower

Gypsophylla Paniculata

GYPSOPHYLLA PANICULATA

Per pkt.

One of the loveliest plants. It is smothered during summer in a mass of pearly white flowers on slender stems, invaluable for cutting and for bouquets. Combined with other flowers the effect is superb. Try deep blue Delphiniums in a vase with Gypsophylla and you will agree with us. ..... **¼ oz., 15 cts...** .10

HELENIUM AUTUMNALIS (Sneeze wort). Very showy. Most useful in border. The broad heads of golden daisy-like flowers crown the stately plants in greatest profusion. Ht. 4 to 5 feet. **⅛ oz., 65 cts.; Trial pkt., 10 cts...** .20

HELENIUM BIGELOWI. Flowers in June. Golden yellow daisy-like flower with black disk. Each flower is produced on a single stem. Ht. 2½ to 3 feet..... **Trial pkt., 10 cts...** .20

HESPERIS MATRONALIS (Sweet Rocket). Stout bushy plants, 3 to 4 feet high bearing in June and July showy spikes of violet to purple flowers. Very fragrant..**¼ oz., 15 cts.; oz., 40 cts...** .05

HONESTY (Lunara). Rich purple flowers followed by round, flat moon-like silvery seed vessels highly prized for decorations and winter bouquets. Ht. 2 feet ..... **Oz., 25 cts...** .05

HELIANTHUS—NEW PERENNIAL RED SUNFLOWER

Per pkt.

In this we have at last secured the **true red perennial** Sunflower. This is not the purplish red resembling the purple cone flower, but a **brilliant** rosy red, and **perennial** at that. The flowers are large, measuring 5 to 8 inches across, borne on stiff stems. The plants attain a height of 6 x 8 ft., and are very hardy, blooming more abundantly the second year than the first. Sow the seed **early**, in open ground ..... **Trial pkt., 10 cts...** .25

Mixed Perennial Sunflowers ..... .10

HELIOTROPUM. Highly prized for its delicious fragrance. Many people are unaware that this delightful flower if sown in spring will bloom the same summer, and if potted at the approach of cold weather will blossom in the house through the winter in a sunny warm place. Heliotropes are charming if treated as annuals and planted in beds with Gypsophylla or Giant Candytuft. Ht. 1½ to 2 feet.

Giant Mauve ..... .10

Giant Dark Purple ..... .10

Giant Pure White ..... .10

New Climbing Heliotrope. Ht. 6 x 8 ft. Flowers are a beautiful mauve tint ..... **Trial pkt., 10 cts...** .25

HEUCHERA (Alum root). Very artistic and graceful plant. The foliage grows in cloudlike masses in form of a rosette near the ground being of a deep green color prettily laciniated. The wiry, slender stems are thrown up in great profusion all during the summer, each stem bearing numerous bell-like flowers of the brightest coral tint. Heucheras are **ideal** plants growing in the border, in rockeries or used as edgings. They lend themselves especially for unique decorations. Ht. 12 to 18 inches.

Sanguinea (The type, Coral bells). Many coral red blossoms. Ht. 15 to 18 inches. ..... **Trial pkt., 10 cts...** $0.15

Briziodes. A charming Hybrid. Rose pink shading to red .... .15

Convallaria. This new race differs from all other varieties of the Alum root tribe. The **H. Convallaria** develop freely branched flower stands of about 15 inches in length and 10 to 12 inches in width on strong stalks of some 18 inches in height. The individual flowers attain the size of Lily of the Valley bells. Most suitable for cutting and far more valuable than any other variety. White and rose mixed ..... **Trial pkt., 10 cts...** .25

Heuchera Convallaria (See page 51)

Single Hollyhocks are especially fine planted in groups or alongside walks to hide unsightly fences etc.

Single Hollyhock

HOLLYHOCKS

For stately beauty and gorgeous effects few equal this old favorite Garden plant. Unrivalled as a background in borders, along walks, and roadways, or in groups of glowing colors. Planted near gateways the effect is particularly artistic. Hollyhocks are very gross feeders and love rich soil and a sunny situation, where they unfold their satiny petals to perfection. They are subject to rust but this can be fought off by spraying the plants when young with bordeaux mixture. After bloom is over cut the stalks and cover lightly during winter, with litter. The **double** Hollyhocks as in Stocks or Gillieflowers do not always come true to seed, and amongst them, single flowering will be found.

DOUBLE HOLLYHOCKS

Pure White — Rose Pink — Rich Maroon
Clear Yellow — Glowing Crimson — Salmon — Per pkt.
½ oz., $1.00; ¼ oz., 60 cts... .10

The collection of six sorts, six packets, **50 cts.**

SINGLE HOLLYHOCKS

Many folk love the single sorts of Hollyhocks, which show the same beautiful colors as the double and are exceedingly ornamental. Ht. of both single and double, 6 to 8 feet.

Single Pure White — Clear Yellow — Blush Rose
Deep Rose — Bright Red — Maroon
½ oz., 50 cts.; ¼ oz., 35 cts... .10

Mixed double Hollyhock ....½ oz., 85 cts.; ¼ oz., 45 cts... .10
Mixed single Hollyhock ....½ oz., 40 cts.; ¼ oz., 25 cts... .10
Allegheny Hollyhock. Semidouble fringed
Oz., $1.50; ¼ oz., 40 cts... .10

All shades and tints are represented in the Allegheny Hollyhocks which have beautiful satiny crinkled petals.

HUNNEMANIA FUMARAEFOLIA (Giant Yellow Tulip Poppy). A striking and most beautiful border plant. The foliage is grayish green, finely cut like Eschscholtzia. Bears on stout stems large, showy golden flowers in great profusion, appearing end of August continuing right up to frosts. Sow in open ground in May. The flowers cut when half open last several days in water..... .10

IBERIS (Perennial Candytuft). Splendid for covering rockwork, for bordering, or for edging. Thrives anywhere in shade or sun. Large flat flowerheads of pure white cover the ground like sheets of driven snow. Foliage is evergreen. Wherever established it multiplies rapidly. Ht. 9 inches .....¼ **oz., $1.00... .10**

Gibraltarica. Large fragrant heads of flowers the colors running from pale lilac to blush rose. Ht. 1 foot .....¼ **oz., $1.00.. .10**

LANTANA (Half hardy Perennial). Of shrubby growth the plants bear verbena-like heads showing the richest shades of white, blush rose, yellow, and orange. Of especially beautiful effect in bedding and ideal for pot culture. Ht. 2 to 3 feet..¼ **oz., 25 cts... .10**

Dwarf Lantanas. More beautiful than any Verbena growing. The richest sunset tints are shown in the flowers. Ht. 1 foot.
Trial pkt., 10 cts... .25

Hunnemanni fumaraefolia

Lathyrus White Pearl

LUPINS

There are no more strikingly beautiful border plants than the Perennial Lupins whose profusion of bloom during May and June is simply marvelous. Grand shrubby perennials they form large bushes 3 to 4 feet high, the foliage is five-finger like, bright green the stout spikes rise from the ground, being closely sheathed in a wealth of bloom of honey-sweet fragrance.

TREE LUPINS

Per pkt.

Snow Queen. Pure white ¼ oz., 40 cts...$0.10

Golden Queen. Bright yellow. ½ oz., 30 cts... .10

Polyphyllus. Stately spikes bearing blue, rose or white flowers. **Separate** colors. Oz., 30 cts.. .05

All colors mixed. Oz., 25 cts... .05

Moerheimi. Handsome variety producing tall spikes of pink and white variegated flowers. Most exquisitely beautiful for table decorations. Trial pkt., 10 cts... .25

All sorts Perennial Lupins mixed. Oz., 30 cts.; pkt., 10 cts.

Lupinus Polyphyllus

LATHYRUS LATIFOLIUS

(Perennial Peas)

Resemble in every respect the **sweet peas**—the large flowers growing in rich clusters on single stems. They flower in greatest profusion throughout the summer. Are very decorative but are not fragrant.

Per pkt.

White Pearl. White, large clusters..Oz., 65 cts.; ¼ oz., 20 cts...$0.10

Pink Beauty. Bright rose, clusters of flowers like rosy butterflies perched on slender stems .....Oz., 65 cts.; ¼ oz., 20 cts... .10

Splendens. Rosy carmine .....Oz., 65 cts.; ¼ oz., 20 cts... .10

All colors mixed .....Oz., 50 cts.; ¼ oz., 15 cts... .10

LYCHNIS

Chalcedonia (Jerusalem cross). Showy and effective Border Perennial. Flat heads of brilliant geranium red flowers. Ht. 2½ to 3 feet. Sow in open ground in spring. Fine for cutting. ½ oz., 25 cts... .10

Haageana. From the tuft of bright green leaves rises a single stem bearing one large orange red flower formed like a Maltese cross. Fine for flower border and rock work. .....⅛ oz., 25 cts... .10

LOBELIAS

Cardinalis. Ht. 2 to 3 feet. Bronze green foliage from which rise rise the single stout stems bearing flowers of intense fiery scarlet on both sides. Blooms August to October. The plants thrive best in a rather moist soil and a sunny place. Trial pkt., 10 cts.; ⅛ oz., $1.25.. .20

Lobelia Tupa (Devil's Tobacco). A magnificent novelty. Resembles a gigantic Lobelia Cardinalis. 6 to 8 feet high. Bears in abundance, curiously peaked flowers, fiery scarlet, 2½ inches long. Foliage is a beautiful bright green..Trial pkt., 10 cts... .25

MALVA (MALLOW)

Belong to the Hollyhock family. A very showy perennial, blooming continually from June to October. Loves moisture and a sunny situation. Fine for cutting. Ht. 2 feet.

Moschata rosea (Musk Mallow). Produces in great abundance large deep rose flowers.....⅛ oz., 30 cts... .10

Alba. A pure white form.....⅛ oz., 30 cts... .10

MIMULUS

(Monkey flower)

Very interesting showy flowers ranging in all colors from primrose to yellow orange and flame color to golden brown. Spotted and mottled and blotched some with hieroglyphic designs on the petals. The flowers resemble in shape the Snapdragons. Thrive best in warm and moist places near watercourses where they soon establish themselves and form patches of brilliant coloring. Ht. 1 foot.

Mimulus moschatus. One of the **most** delightful plants for pot-culture. The delicious fragrance perfumes and penetrates a whole room. When folk complain that the musk has lost its fragrance it is a sure sign they have not got the **right sort.** Grow it for the house, and for the veranda. The foliage is a soft green, the flowers a bright yellow. Seed sown in February will flower in July. **Do not miss** growing this delightful plant ..... .10

OENOTHERA

(Evening Primrose)

There are flowers for all times of the day, these are for the evening. They open wide their beautiful poppy-like blossoms of golden shades and exhale their sweet fragrance at a time when it is most appreciated. It is a most refreshing scent, and the flowers shine like little moons in the twilight.

Per pkt.

Fraseri. Bushy plants covered with golden yellow flowers with reddish stems. Ht. 1½ feet. .....¼ oz., 30 cts...$0.10

Lamarkiana. Giant Evening Primrose. Tall erect spikes of immense bright yellow blooms. Unexcelled for naturalizing. Ht. 3 feet .....¼ oz., 20 cts.. .05

Miss Perkins. Throughout summer on long trailing stems, amidst soft silky foliage shine masses of rich yellow blossoms. The foliage turns a brilliant red in fall. Loves warm sunny spots. Very useful for banks, rockeries or borders .....¼ oz., 30 cts... .10

Acaulis (Taraxifolia). Trailing habit. Large creamy white flowers, blooming profusely throughout summer. Charming for banks, borders, rockwork .....¼ oz., 35 cts. . .10

Mixed Œnothera .....¼ oz., 30 cts... .10

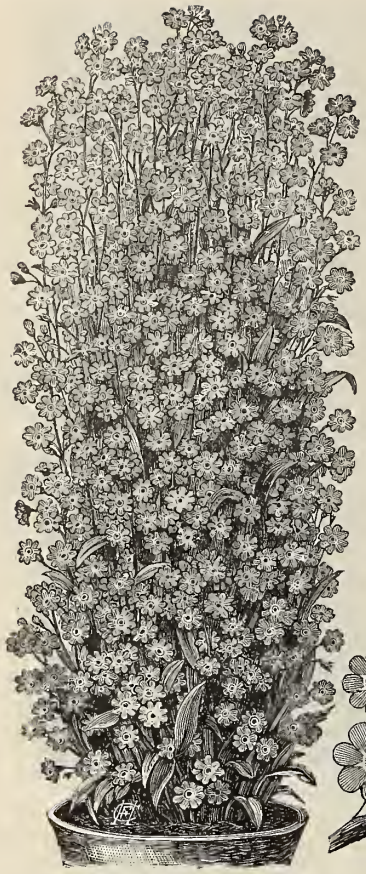
HARDY POLYANTHUS PRIMULA ELATIOR

With the Crocuses and the Daffodils bloom these sweet spring flowers. They should be cultivated by all and every flower lover for their great charm and beauty. The seed we offer has been saved with special care by an expert. It embraces all shades and tints, white, rose, sulphur yellow, ruby red, gold laced, blue, crimson. These primulas delight in half shady nooks, naturalize superbly in the wild garden along woodland paths, amongst rocks, etc. Planted along the border they charm with their glorious colors. Protect in winter with litter, leaves, etc.....Trial pkt., 10 cts... .25

Primula veris (Common English Primrose). Large heads of bright yellow, sweet scented .....⅛ oz., 25 cts... .10

Cowslip. Large flowered, mixed colors .....⅛ oz., 15 cts... .10

Do not fail to give our 1915 Flower Novelties a trial. They are sure to please you.



Myosotis Alpestris Stricta Grandiflora

MYOSOTIS

Do you know of any sweeter flower than our Forget-me-not, one closer associated with dreams and fancies? Wherever seen it greets us as an old friend. So easily grown, so enchanting. Grown along wood-lands, along paths, in the border, in pots, it lends itself to any situation.

	Pkt.
Dissitiflora. A very handsome **early** sort blooming so profusely and of such compact growth it has the appearance of a sheet of blue when grown in mass. Ht. 10 inches. **⅛ oz., 35 cts.**	$0.10
Palustris semperflorens. The **true** water Forget-me-not. Loves a partly shady and damp situation. Flowers bright blue with yellow eye. Flowers all summer. Ht. 9 inches. **⅛ oz., 35 cts.**	.10
Alpestris Victoria. Large skyblue flowers growing in long sprays. Ht. 9 inches. **¼ oz., 65 cts.**	.10
Alpestris stricta grandiflora (Pillar shaped Forget-me-not) (See picture). This charming sort flowers in three colors. Azure blue, pure white, and bright rose. Separate colors, each	.10
Three packets, one of each color	.25
Triumph. A very early flowering sort blooming eight weeks after sowing. Very robust growth each stem bearing a rich cluster of bright sky blue flowers. **Trial pkt., 10 cts.**	.25

MYOSOTIS RUTH FISHER

The **best novelty** to date. Forms compact bushes 12 inches in diameter, smothered with sprays of heavenly blue flowers. Each individual spray is composed of from 8 to 10 gigantic blossoms. For edging, for bedding, for pot plants, this is certainly the most beautiful variety known. It is absolutely hardy and with little protection survives severe winters. If taken up late in fall and brought in the house this sort will make charming pot plants for the **winter garden.**

Trial pkt., 10 cts. .25

All sorts of Myosotis mixed ⅛ **oz., 25 cts.** .10

PHLOX DECUSSATA

(Hardy perennial Phlox)

These beautiful plants embrace an incredible range of colors and tints. From pure white to rose, lilac, purple, all shades of scarlet, red, maroon through yellow, cream, salmon, to coral red, their large flower heads decorate a garden as nothing else will. Given a fairly good soil they thrive anywhere. Give an abundance of water especially during the flowering period. The old plants should be divided every third season as they otherwise get worn out. Ht. 3 to 3½ feet.

The seed is **not** quick to germinate. Takes from 2 to 3 months. The seed does not always come true to exact shade. We recommend the purchase of **plants** where certain shades are wanted.

Mixed Phlox Decussata. ¼ **oz., 60 cts.** .10

PHYSOSTEGIA VIRGINIANA (False Dragon head). Very beautiful border plant. Produces from July to September many long straight spikes completely smothered in delicate tubular rose blossoms. Valuable for cutting. Ht. 3 feet. ⅛ **oz., 40 cts.** .10

Our purpose is to manage our business with such care that our establishment will become known wherever this catalogue reaches as one of high integrity, where you may send with utmost reliance for anything needed in our line, with the assurance that you will be served with painstaking care and that every dollar spent will bring you **full value** in return.

Double Perennial Princess Pinks

	Per pkt.
These fragrant pinks are the old-fashioned gardener's delight. Semi-double and double in all colors, white, rose, crimson, carmine, many having a crimson centre; broad petals. Deliciously fragrant. Ht. 12 to 15 inches. Mixed ⅛ **oz., 35 cts.**	$0.05
Cyclops. Large single flower in rose and crimson shades, with darker centre. Unexcelled for cutting, lasting a very long time. Ht. 15 inches ⅛ **oz., 35 cts.**	.05
Mrs. Simkins. This seed is difficult to obtain. The flowers are very large, double, pure white, a truly **royal** flower. Of spicy clove scented fragrance. Ht. 12 to 15 inches. **Trial pkt., 10 cts.**	.25

PENTSTEMON

A great favorite for the perennial border. The large Gloxinia-like flowers in their brilliant shades attract much admiration.

Digitalis. Large white flowers with violet spotted throat. Ht. 2 to 2½ feet	.10
Spectabilis. Blue and red shades very showy. Ht. 2 feet	.10
Finest mixed sorts	.10

(See Novelty Page 00)

PERENNIAL POPPIES

Poppy Orientale. Flashing their magnificent **giant** blooms above the elegant grayish green foliage they may be well called **kings** of the garden. They rival in gorgeous beauty the Royal **Darwin** Tulips and are one of the **showiest,** most effective flowers grown. The stout stems rise to a height of 3 and 4 feet. Carpet the ground with Iberis sempervirens (Perennial Candytuft) and the sight is worthy of a painter's brush when the flowers bloom. For **decorations** Poppy Orientale is matchless. **Note** that the flowers last longer and retain their marvelous satiny appearance much longer if cut early in the day before the chalixes open. This applies to all sorts of Poppies.

Poppy Orientale The Type (Queen of the Orient). Immense flowers of orange scarlet ¼ **oz., 20 cts.**	.10
Beauty of Livermore. Crimson with black blotch, enormous flowers ⅛ **oz., 20 cts.**	.10
Queen Alexandra. Bright rosy salmon with conspicuous crimson blotch. Very distinct ⅛ **oz., 20 cts.**	.10
Salmon Queen. A golden salmon yellow. Magnificent. ⅛ **oz., 20 cts.**	.10
Rembrandt. A gorgeous flower. Immense orange scarlet blossoms ⅛ **oz., 20 cts.**	.10
Novelty. Mixture of Rose, Lilac, and Mauve shades. The beauty of these flowers is indescribable **Trial pkt., 10 cts.**	.25
Excelsior. A very fine mixture ranging in tints from delicate salmon to deep crimson	.10

Poppy Orientale

Note. Do not transplant Oriental Poppies except in late fall when they are entirely dormant, having a long taproot; removal while in full growth often causes the plant to die.

ICELAND POPPIES

(Papaver Nudicaule)

Per pkt.

For cutting for table decorations these flowers are unexcelled. The colors appear fairy-like under artificial light, coming out in all their richness and purity. The slender leafless stems rise from a tuft of delicate green laciniated foliage bearing aloft cup-shaped flowers in shades of white, rose, salmon, coral pink, and citron yellow. Plant for best effect amongst border shrubbery, in large masses, and in rockeries. Iceland Poppies love sunshine. Ht. 12 to 15 inches.
All shades mixed ..... ¼ oz., 40 cts. ... $0.10

ALPINE POPPIES

Delicious Miniature or Fairy Poppies. Petals which seemingly a mere breath would destroy so fragile, so delicate are they. Their looks belie them as the dainty flowers keep their own, lasting for days. The foliage is fernlike, silvery. For border or rockwork the flowers are unique. Ht. 9 inches ..... .10

POTENTILLA. Flowers profusely all through summer. Double flowers are borne in bunches. Ht. 18 inches. Shades range from rose to red and scarlet.
Mixed Finest Hybrids ..... .10

PYRETHRUM. Very decorative border or bedding plant. The single leafless stems rise from a tuft of finely cut foliage 20 to 24 inches high. Mixture of White, Blush Rose, Crimson. Ht. 2 feet ..... ⅛ oz., 35 cts. ... .10

Comet Flowered. These varieties are remarkable and varied in form of petals. Some are rolled into quills, others are twisted like Cactus Dahlias, some entangled like Comet Asters. The individual flowers are 2 to 3 inches across, the colors all delicate and brilliant. For cutting and keeping qualities, Comet-flowered Pyrethrums are unsurpassed. ..... ⅛ oz., 50 cts. ... .10

REHMANNIA ANGULATA (Half hardy Perennial). From out a rosette of large wavy foliage rise spikes 4 feet tall bearing large Gloxinia-like flowers clear pink in color. One of the most ornamental garden and border plants ..... Trial pkt., 10 cts. ... .25

RUDBECKIA Cone flower

Per pkt.

Produces in fall rich orange yellow flowers with chocolate maroon disk. A fine border plant. Good for cutting. Ht. 3 feet.

Newmanni. Magnificent large yellow flowers with dark centre. Blooms July to October $0.10
Echinacea purpurea (Purple Cone flower). Large reddish crimson flowers. Ht. 3 feet ..... Trial pkt., 5 cts. ... .15

SALVIA PATENS (Perennial). Large beautiful gentian blue flowers on tall spikes. Blossoms the same season from seed sown early in spring in the house. Or in the open in May.
Trial pkt., 10 cts. ... .25

SAXIFRAGA. The gardener's delight for use in rockwork, for edging, and for borders. The fleshy stout stems rise from a mass of broad round glossy green foliage which is in itself ornamental, and bear fascinating bell-like flowers in varied tints of white, rose crimson, purple. Ht. 9 to 12 inches ..... Trial pkt., 10 cts. ... .25

SCABIOSA Pincushion flower

PERENNIAL SORTS

Caucasia. A beautiful sort. Flowers a lovely delicate lavender. Ht. 2 feet ..... ⅛ oz., 25 cts. ... .10
Caucasia alba. Same form as the lavender, but flowers a pure white ..... Trial pkt., 10 cts. ... .20

NEW HARDY SCABIOSA CAUCASIA

Diamond. A wonderful coloring of shiny blue black; strong and rapid growth, and immense productiveness ..... Large pkt., 25 cts. ... .10
Perfecta and Fimbriata, mixed. Magnificent large blue flowers with wavy fringed petals borne in masses on strong, tall stems. Bloom from July up to heavy frosts. Unsurpassed for cutting. Large pkt., 25 cts. ..... .10

SEDUM (Stone Crop). A gem wherever carpeting effects are desired, quickly covering rocks and stones with a mosslike effect; content with the shallowest soil. When in bloom it resembles sheets of delicate colors. Ht. 4 inches. All colors mixed. Trial pkt., 5 cts. ... .15

SILENE. Moss Campion or Cushion pink. From a dense cushion of leaves rise stems crowned with tufts of bright rose flowers the petals laciniated and feathered. Very beautiful for borders and bedding. Ht. 3 feet ..... .10

STOKESIA CYANEA (Cornflower Aster). Bears from July to October, masses of large, light blue flowers, resembling beautiful semi-double Asters. Ht. 2 feet ..... ⅛ oz., 25 cts. ... .10
Alba. In every respect like the blue flowered sort. The flowers are a pure white. Ht. 2 feet ..... ⅛ oz., 35 cts. ... 10

Stokesia Cyanea

ROMNEYA COULTERI

(MATILLJA POPPY. DREAM OF THE DESERT)

A flower looking as if made of the finest white silk crepe. wrinkled and fluted petals surrounding a bright golden disk of stamens, rising on tall stems from out a cloud of soft grayish green foliage, all fernlike and beautiful. This **tree poppy** of California is unique in its chaste beauty, a **dream** of the **desert**, blooming in the most barren places. The bushes grow to a height of 7 to 8 feet, the white flowers glistening in the sunlight. A miracle of floral beauty. In **cold** climates the Romneya attains a height of only 4 to 5 feet. Needs protection in winter same as **roses.**

To succeed with the seed. Soak in a weak solution of lye for 12 hours. Use **very** sandy soil and expose the box or flat in which the seed is planted to the **hottest** sunshine. The seed to sprout needs **great** warmth, and it germinates slowly. Do **not** get discouraged if you have to wait awhile. The glorious plant will reward you. When the seedlings are 2 to 3 inches high transplant in small pots and place in their permanent position when the roots are well crowded in these pots. Seed **⅛ oz., 50 cts. per pkt., 10 cts.**

Those who do not want to **watch** and **wait** we advise to buy the **plants** of this exquisite flower which you will find described on page 79 amongst perennial plants.

SWEET WILLIAM (Dianthus barbatus)

Matchless border and bedding plant bearing large heads of multi-colored flowers. In spite of the mass of **new** flowers appearing, this old and well known favorite is gaining in favor every season.

SINGLE SORTS

		Per pkt.
Pure White	¼ oz., 20 cts.	.05
Pink Beauty. Bright rose pink	⅛ oz., 30 cts.	.10
Scarlet King. Fiery scarlet	Trial pkt.,	.25
Auricula Flowered	⅛ oz., 20 cts.	.05
Newport. Pink, very large flowers	Trial pkt., 10 cts.	.25
All shades mixed, choice single Hybrids	¼ oz., 35 cts.	.10
Double Sweet William. Choicest mixed	⅛ oz., 20 cts.	.10
Double Rose (new)		.10

VIOLA ODORATA

You surely need no description of **Sweet Violet.** It is the lover's gift to his **lady,** and worn by the fair ones in preference even to showy Orchids.

Note. Only single varieties come **true** from seed.

		Per pkt.
The Czar. Very large flower, dark blue	⅛ oz., 30 cts.	$0.10
White Czar. Pure white flowers	⅛ oz., 30 cts.	.10
Mixed Colors	⅛ oz., 25 cts.	.10

VIOLA CORNUTA

(BABY FACES)

Do you know of anything sweeter than a group of these dear flowers uplifting their pretty faces in dense masses and delightful colors to you? Wherever grown they form a spot of alluring brightness and beauty. **Do not forget** to plant them. We offer **distinct colors** which admits of planting certain color schemes.

Champion White. Pure white
Lutea Grandiflora Splendens. Bright yellow
Mauve Queen. Lavender
Purple Queen

Any color listed ⅛ oz., 15 cts. .05

SCOTCH STRAIN OF VIOLA CORNUTA

This marvelously beautiful Hybridized strain is to the older sorts like water unto wine. The listed sorts are the **cream** of this perfect flower. Ht. of Viola cornuta is from 9 to 10 inches.

Cheshire Cream. Cream color
Mars. White with yellow eye
Lady Marjorie. Soft bluish mauve
Anderson's Seedling. Rich maroon on light maroon ground
Mrs. Chichester. Marbled purple on white ground
Kingcup. Deep rayless yellow

Any of the six sorts listed. **Trial pkt., 10 cts.** .25

One each of the six sorts, six packets, **50 cts.**

Choicest mixed strain of **Giant** flowering **Scotch Hybrids** representing the **very best** in **Viola Cornuta**.... **Trial pkt., 10 cts.,** .20

Group of Viola Cornuta—Baby Faces

SEEDS OF TENDER PLANTS

These require careful raising in pots, flats, or under glass.

ABUTILON (Lantern flower). Perpetual flowering tree-like shrub. The bell-like flowers of the most exquisite colors hang from the branches. The whole aspect of the plant in bloom is highly ornamental, tropical and effective. Can be used for bedding in the open during summer and brought in the house for winter decoration. Seeds sown in March flower same season. Ht. 3 to 4 feet.

Choice Hybrids. All shades from white to yellow, orange, rose, crimson, bronze, gold laced, etc. **Per pkt. Trial pkt., 10 cts... $0.25**

ACACIA. A highly decorative tender shrub with fine fern-like foliage and racemes of deliciously fragrant flowers.

Golden yellow. Ht. 5 to 6 feet ..... .15

Aloysia citriodora (Lemon Verbena). Perfumes a whole room. The flowers are borne in panicles; color lavender. The leaves are exhaling a delicate lemon scent..... .10

AMARYLLIS. It is one of the **most** exciting experiences to raise these gorgeous flowers from seed. **All Amaryllis** are raised from seed, and it is amongst these seedlings that are found the **rare gems** which are put out every season. **Why** not try it and perhaps **you** will strike the lucky seed. 5 seeds **10 cts.**; 20 seeds, **35 cts.**

ASPARAGUS SPRENGERI. A beautiful climber. Feathery foliage vines growing 10 to 12 feet long. Beautiful for hanging baskets. 25 seeds, **10 cts.**

Asparagus Plumosus Nanus (Feathery Asparagus). Used so much by florists for decorations. Useful for table and house decoration and beautiful as window garden plants. 25 seeds, **50 cts.**; 10 seeds, **15 cts.**

CALCEOLARIA. (Hybrida grandiflora). A marvelously beautiful garden and pot plant. The flowers are very large and in the shape of lady's slippers or pouches. The colors range from pure self yellow to orange and ruby color verging on maroon. The flowers are either self color or spotted, tigered, and mottled. **All** are exceedingly ornamental and beautiful. Calceolaria seed can be sown from June to September for winter flowering and early in the season for summer flowering. Treatment of seed same as other very fine seeds. Have your soil very finely pulverized and smoothed. Sow the seed carefully over surface and **sift** just a trifle of fine soil over this, just to very lightly cover it. Place a pane of glass over the seed and when watering use the very finest rose on watering pot. When young seedlings appear and are about 2 inches high, thin out and prick out the strongest, transplanting these when 4 inches high. Calceolaria love warmth and **sunshine.**

Covent Garden Strain. The **very** choicest **mixed,** all colors. **Per pkt. Trial pkt., 10 cts...$0.25**

Golden Glory (New Hardy Calceolaria). Pure yellow with spotted throat..... **Trial pkt., 10 cts...** .25

Alba (Novelty). In habit like Golden Glory but **milk white** spotted throat..... **Trial pkt., 10 cts...** .25

Calceolaria Rugosa. Shrubby Calceolaria. Very beautiful for bedding and border. Form shrubs 1½ to 2 feet high. The flowers are smaller than the bush form of Calceolaria and are borne in clusters. Very showy and ornamental.

Choicest Hybrids mixed..... Trial pkt., 10 cts... .25

CYCLAMEN PERSICUM GIGANTEUM

Universally admired for their rich coloring, beautiful foliage and profusion of bloom. The **new** strains are better than any ever produced through hybridization.

Giant Strain. Very large flowers borne on long stems, high above the mottled velvety leaves.

Pure White — **Blush Rose**
Glowing Crimson — **Syringa Blue**
Salmon King — **Deep Rose**

Per pkt. Trial pkt., 10 cts.; large pkt., 50 cts...$0.25

Mixed colors ..... Trial pkt., 10 cts.; large pkt., 50 cts... .25

Papilio Butterfly Cyclamen. Exquisitely frilled and frayed edges. Self color with contrasting edge.
Trial pkt., 10 cts.; large pkt. 50 cts... .25

Salmon Queen. A beautiful golden salmon color with frilled petals. A beauty.. **Trial pkt., 10 cts.; large pkt., 50 cts....** 25

CYPERUS ALTERNIFOLIUS. Known as **umbrella** plant. Very fine plant for veranda or house decoration. Well adapted for Aquariums, being semi-aquatic. When growing in pots, they need a saucer filled with water under the pots to thrive.
Trial pkt., 10 cts... .25

COLEUS

Ornamental foliage plants of the most varied colorings, resembling the rainbow in gorgeousness.

Per pkt.

Finest Mixed $0.05

PARROT. One of the finest sorts ever introduced. The leaves, often a foot long, are waved, spotted, striped, splashed, marbled with the choicest colors. Ht. 15 in..... .10

CINERARIA HYBRIDA

A highly ornamental and effective plant. **Easy** to grow and early to flower. Sow seed in **early** summer for winter flowering. (June is none too early.)

Per pkt.

Prize Exhibition Strain. All colors from white to deep maroon, pale rose to deep violet and purple. In **separate** colors, or mixed.
Trial pkt., 10 cts...$0.25

Cineraria "Stella"

Per pkt.

Cineraria Stellata (Star Cineraria). This is an entirely distinct form of the Cinerarias. Unlike the Cineraria Hybrids which attain a height of 12 to 15 inches and less, this form grows tall, 2 feet and over, of branching habit covered with a multitude of the star-like flowers in all tints of white, lilac rose, crimson, purple, mauve. Very ornamental for veranda, or in summer in the garden. For winter in house..... **Trial pkt., 10 cts...$0.25**

Novelty (Cineraria Grandiflora Stella). Twisted or fluted petals like a Cactus Dahlia, 3 to 4 inches in diameter. Very brilliant, showy colors ..... **Trial pkt., 10 cts...** .25

FREESIA HYBRIDA

Freesias can be raised from seed with greatest ease and will flower the same season. Many beautiful new shades are obtained from seedlings.

Freesia refracta alba. White to cream color..... .10

Freesia Thunbergei. Shades of rose, mauve crimson.
Trial pkt., 10 cts.; large pkt., 50 cts.; .25

FERNS

Raising ferns from seed is most interesting and exciting. The seed can be raised on a surface of wet moss or on the surface of very fine pulverized soil. The seedlings are treated same as Calceolaria, Cinerarias, etc.

Choicest Mixed Ferns ..... Trial pkt., 10 cts... .25

FUCHSIA

These very beautiful plants should be better known. It is to be regretted that they are as yet almost outside the knowledge of flower lovers. The drooping blossoms of brightest tints are an ornament to any place whether in the garden in summer, on the veranda, in bedding, or in the house in winter. The seed is easy to raise. Seedlings bloom the first year.

Single Sorts..... Trial pkt., 10 cts... .25

Beautiful Double Varieties..... Trial pkt., 10 cts... .25

GERANIUM

Apple Scented Geranium. Very fragrant foliage, small light lavender flowers. 50 seeds, **10 cts.**

Zonale. Giant flowered Hybrids exceptionally fine both in size and color..... **Trial pkt., 10 cts...** .25

Ivy Leaved. Fine glossy green foliage. Immense trusses of brightly colored rosy flowers. Of the brightest effect in garden vases, window boxes, in pots, etc..... **Trial pkt., 10 cts...** .25

Pelargonium Geranium (Lady Washington). Fancy sorts of the finest **French** collection. 10 seeds, **10 cts.**; 25 seeds, **20 cts.**

GLOXINIA. These fine flowers can be easily raised from seed.

Choice Giant Flowering Sorts. Mixed... **Trial pkt., 10 cts...** .25

GREVILLEA ROBUSTA (Australian Silk Oak). A very dainty plant with fernlike glossy foliage. Especially useful for centre-pieces in garden vases, and as centre in beds of low growing flowers such as Verbenas and annual Phloxes. Most ornamental in the house for window garden..... **Trial pkt., 5 cts...** .15

IMPATIENS SULTANI

Per pkt.

A very bright continuous and profuse bloomer. The flowers resemble single Balsams. Colors are bright rose to deep carmine. Trial pkt., 10 cts... $0.25

Holstii. A striking, bright vermilion red. ..Trial pkt., 10 cts... .25

Hybrids of the choicest **prize** blooms. Embrace all tints and colors of pale rose to deep vermilion red, and carmine. Flowers twice the size of the old Sultanii .....Trial pkt., 10 cts... .25
These flowers love partial shade, and warmth.

Primula Sinensis

PRIMULA

Per pkt.

Sow seed from June all through July and August for fall and winter bloom.

Primula Sinensis (Chinese Primula). Well known for its large flowers, bright foliage, and decorative quality.

Giant Pure White	**Giant Cærulea** (Sky blue)
Giant Rose Queen	**Giant Salmon King**
Giant Ruby King	**Giant Mixed**

Trial pkt., 10 cts.; large pkt., 40 cts...$0.25
Collection of 5 colors, $1.00.

Primula Kewensis (Giant Buttercup Primula). A very robust grower with bright graceful and numerous erect flowerscapes, 12 to 18 inches high, producing flowers in whorls at intervals along the whole length of stem. Flowers are a clear buttercup yellow, slender, tubular, 1-inch in diameter, very attractive and unique. Trial pkt., 10 cts... .25

Primula Malacoides (Giant Baby Primrose). Flowers measure ½ to ¾ of an inch across; delicate lavender color; grow in whorls around branching stems which are very strong and graceful. Bloom in four months from seed. Sowing in August furnishes a rich display all through winter. Trial pkt., 10 cts.; large pkt., 50 cts... .25

Primula Malacoides Alba. A new white form of the above. Very chaste and most beautiful.....Large pkt., 50 cts... .25

Primula Obconica Gigantea. Charming species, very floriferous —in separate colors white, rose, blood red, lilac rose. Large pkt., 25 cts... .10

PULCHERIMA CÆSARINA. The glorious **Poinciana of Barbadoes.** One of the grandest Christmas and winter decoration plants for house. Flowers an immense fiery vermilion to scarlet. Star bedded on bright green leaves. Sow seeds early in season to have in full flower during winter.....Trial pkt., 10 cts... .25
This plant can be grown outdoors until frost, when it should be taken in the house.

SMILAX. A beautiful climber, well adapted for the window garden, for decorations of table, and house. Easy to raise from seed..... .10

SOLANUM

Capsicastrum. Very dainty ornamental plant with masses of coral red berries borne in greatest profusion at Christmas time. One of the brightest winter-garden plants. Sow seed early in year to have the plant in full bearing in winter..... .10

Jasminoides. A magnificent climbing plant bearing heavy bunches of fragrant pure white flowers ..... .10

STEVIA. Masses of dainty pure white flowers, borne freely on slender branches. Very ornamental ..... .10

EVERLASTING OR STRAW FLOWERS

Highly ornamental in summer bedding and indispensable for bright winter decorations and bouquets.

Per pkt.

ACCROCLINIUM (Fairy Immortelle). Fine for border in summer and one of the best for winter use. Double white or double rose. Ht. 1 foot .....oz., 25 cts..$0.05

AMMOBIUM ALATUM. Very pretty annual with small white flowers. Ht. 2 feet.....¼ oz., 15 cts... .05

GLOBE AMARANTH (Gomphrena globosa). Very fine for beds or edging. Ht. 12 to 15 inches.

Purple	White	Rose mixed
		oz., 25 cts... .05
Orange (rare)		¼ oz., 30 cts... .10

HELYCHRISIUM. One of the very best of Everlasting flowers.

Fireball. Double crimson very showy. Ht. 15 inches. ⅛ oz., 25 cts... .10

Pink Beauty. Bright salmon rose.....⅛ oz., 25 cts... .10

Mixed colors .....⅛ oz., 20 cts... .10

HONESTY (See Page 51).

RHODANTE MANGLESI. Single brilliant rose. Ht. 1 foot. ¼ oz., 20 cts... .05

Double soft blush pink.....⅛ oz., 65 cts... .15

Double bright rose .....⅛ oz., 20 cts... .05

Maculata alba, white .....¼ oz., 25 cts... .05

MIXED EVERLASTING FLOWERS .....⅛ oz., 15 cts.; per pkt., 5 cts.

Note. Always cut the flowers which are to be dried **before** they are fully expanded, and hang **heads** down in an airy and cool place.

SEA HOLLIES

Per pkt.

ERYNGIUM. Thistle-like heads of a steel blue color, very fine for winter use. Bloom from July to late fall. Ht. 2 to 3 feet. Very effective in border, on lawn, or in wild garden. Delight in deep sandy soil and very sunny exposure....Trial pkt., 10 cts...$0.25

Gigantea (Ivory Thistle). Foliage and stems glittering silver white with large flower heads shimmery white..... .10

Maritima (True Sea Holly). Handsome spreading plant with silvery white foliage .....Trial pkt., 10 cts... .25

STATICE—SEA LAVENDER

SINUATA. One of the best. The colors last a long time.

Rose. Spikes of bright rose colored flowers .....¼ oz., 25 cts... .10
Lavender to deep violet .....¼ oz., 20 cts... .05
Mixed Hybrids .....¼ oz., 20 cts... .05

SUWOROWI. The very finest of all Statices. Tall spikes covered with the exquisite rosy flowers. Ht. 16 to 20 inches ¼ oz., 25 cts... .10

Alba (New annual sort). Habit dwarf and very compact. Flowers borne in long graceful sprays. Pure white..Trial pkt., 10 cts... .25

Latifolia, the broad leaved Sea Lavender. Elegant habit, deep lavender blue flowers. Hardy perennial.....¼ oz., 25 cts... .10

ORNAMENTAL GRASSES (Annuals)

Per pkt.

AGROSTEMMA. Hardy annual, light and graceful, especially for bouquets and decorations.
Nebulosa (Cloudgrass). The most elegant dainty grass known. Ht. 15 inches $0.05

AVENA STERILIS. (Ornamental Oats). Fine in large bouquets or in borders. Ht. 18 inches ..... .05

BRIZA GRACILIS. (Quaking grass). Ht. 1 foot....oz., 30 cts... $.05

BROMUS BRIZÆFORMUS. Large drooping panicles. Very fine. Ht. 2 feet .....oz., 25 cts... .05

COIX LACRIMÆ (Job's Tears). Ht. 18 inches..oz., 25 cts... .05

ERAGROSTIS ELEGANS (Love grass). Very graceful. Ht. 15 inches .....oz., 25 cts... .05

Permisetum Ruepellianum

ANNUAL ORNAMENTAL GRASSES—Continued

Per pkt.

HORDEUM JUBEATUM. Squirrel-tail grass. Resembles fine heads of barley. Ht. 18 inches.....Oz., 20 cts...$0.05

PENNISETUM LONGYSTYLUM. Graceful drooping heads of violet tint. Very beautiful. Ht. 2 feet .....Oz., 40 cts... .10

ALL SORTS MIXED, ANNUAL ORNAMENTAL GRASSES.
Oz., 30 cts... .05

PERENNIAL ORNAMENTAL GRASSES

ANDROPOGON ARGENTEUM. Silvery foliage, fine for groups. Ht. 3 feet .....Oz., 50 cts... .10

EULALIA JAPONICA. Hardy perennial grass. Long graceful leaves of a dark green, striped cream white.
½ oz., 25 cts... .10

ZEBRINA. Ht. 5 feet. The deep green foliage is barred at intervals with white and yellow stripes. Very ornamental.
½ oz., 25 cts... .10

ERYANTHUS RAVENNA. Closely resembles the well known Pampas grass. Fine rushlike foliage and silvery plumes. Highly ornamental for lawn. Sown early will bloom first season..... .10

PENNISETUM RUEPELLIANUM. Leaves are long, slender, deep green, gracefully recurved. Panicles appear late July. Silvery plumes tinted a violet purple and waving in the sunlight are of picturesque beauty. Ht. 3 to 4 feet .....½ oz., 20 cts... .10

STIPA LAGASCEA (Feathergrass). Long narrow, silvery white feathery plumes. Planted with, or when cut arranged with, Iceland or Shirley poppies, the decorative effect is delightful.
Oz., 40 cts... .10

MIXED PERENNIAL ORNAMENTAL GRASSES.
Oz., 25 cts... .05

SEEDS OF CLIMBING PLANTS

Wherever a trellis is to be covered, a veranda screened, an unsightly object hidden, and made beautiful with a blaze of color or a dense screen of foliage, an arbor shaded, a cozy nook of greenery to be created **"Look over this list."** You will surely find one or the other to strike your fancy. The list comprises **all rapidly** growing vines. Varieties marked with* are perennial, others are annuals.

Per pkt.

***ADLUMIA CYRRHOSA** (Mountain Fringe). The foliage resembles Maidenhair Fern. Flowers delicate pink and white. Plant in cool rather moist place to attain greatest beauty of flowers and foliage. Ht. 15 feet.....$0.10

***AMPELOPSIS VEITCHII** (Boston Ivy). Popular rapid growing hardy vine. Adheres firmly to stone or brick. The foliage turns a brilliant red and crimson in fall ..... .10

***ARISTOLOCHIA SIPHO** (Dutchman's pipe). Very rich deep green foliage, with small pitcherlike purplish flowers. One of the best and most grateful vines..... .10

CARDINAL VINE (See list of Novelties, Page I).

BALLOON VINE. Length 15 feet. Very rapid grower. White flowers. The seed pods are shaped like miniature balloons..... .05

***COBŒA SCANDENS** (Cathedral bells). Climbs thirty feet in a season. Flowers are bell shaped. Plant the seed edgewise and cover lightly.
Purple ..... .10
White ..... .15

CYPRESS VINE (Ipomea Quamoclit). Dark green feathery foliage, innumerable tubular shaped bright scarlet flowers..oz., 30 cts... .05

DOLICHOS (Hyacinth Bean). Rapid growing climber. Bears clusters of white and purple flowers of a beautiful tint, even the stems being a rich purple. The flowers are followed by ornamental pods ..... .10

CONVOLVULUS. Brilliant climbing plants which transform window boxes, fences, etc., into mazes of color. Lovely anywhere a few plants soon cover a large area. Fine for beds, borders, or rocks. A few branches laid crosswise, the vines clambering over them, form beds of rainbow tinted glory. Bloom all summer until frosts cut them down. Love sunshine ....Oz., 25 cts... .05

Convolvulus Mauritanicus. Soft lavender tinted flowers. Charming for hanging baskets, stony mounds, rockwork. Love bright sunshine .....⅛ oz., 15 cts... .05

ECHINOCYSTUS LOBATA (Wild Cucumber). One of the quickest growing vines in existence. It is the grandest thing for waste places, banks, stone walls. Grows 20 to 25 feet in incredibly short time. The seed pods are highly ornamental. Soak the seed 24 hours in warm, not hot, water, before planting and plant it with the eye downward .....Oz., 30 cts... .05

***KUDZU VINE** (Pueraria Thunbergi). This is the most remarkable rapid growing perennial vine in existence, and is unparalleled for ornament and shade. If planted in reasonably rich soil will produce a multitude of graceful, hairy twining stems 40 to 50 feet long in a season. Exceedingly valuable for covering loggias, arbors, verandas and pillars, or for any other position where a quick shade or ground cover is desired. The leaves are similar in shape to those of the Lima Bean, and are dark green in color and of a soft woolly texture, and produced in great profusion. The beautiful pea-shaped flowers are borne in racemes 4 to 6 inches long, and are suggestive of miniature racemes of Wistaria. ¼ oz., 25 cts.; pkt., 10 cts.

***Clematis Coccinea.** The scarlet Clematis. Flowers are of a rarely beautiful pitcher-shape. Color a bright orange scarlet. Very showy and attractive. Delicate perfume.
Pkt., 10 cts.

Butterfly Runner Bean

Per pkt.

BUTTERFLY RUNNERBEAN. The whole plant when in bloom gives the impression of a mass of gorgeously hued butterflies perched on slender branches, falling and rising in the breeze. The flowers are very large, prettily waved, wings pure white, standards salmon rose, forming a very pretty contrast. Rivals some of the finest **Sweet Peas** .....Oz., 25 cts...$0.10

***CLEMATIS PANICULATA.** An invaluable climbing plant. Grows in one season 20 to 25 feet. Rapidly covers any trellis wall or other object with a dense mass of small glossy green leaves, from out of which during July till September shine the pure white flowers like so many stars. .....⅛ oz., 25 cts... .10

Group of various Gourds
Boy holding up Hercules' Club

THE GOURD FAMILY

One of the favorite ornamental climbers. Many fantastic fruits are found amongst the **gourds**. They are all annuals, grow very rapidly and are of most interesting variety.

		Per pkt.
Dipper or Calabash also called Chinese Bottle Gourd. The fruit is of slender neck-like form for two thirds of its length, widening at the apex in the form of a bowl. In tropical countries the shells are dried and used by the natives for drinking vessels	**Oz., 40 cts.**	$0.05
Dishcloth. Chinese Loofa or Sponge Gourd. Fruit large and elongated with a spongy network of tough fibre inside, which, when dried is used by the Orientals for the soles of their sandals. Used as a sponge in the bath	**Oz., 50 cts.**	.05
Gooseberry. Small green fruit resembling gooseberries.	**¼ oz., 20 cts.**	.05
Hercules Club. The boy in the picture holds it in his hand. The fruit is very long, white	**Oz., 30 cts.**	.05
Nestegg Gourd. White, size of a hen's egg. Much used for hen's nests	**Oz., 40 cts.**	.05
Orange. Small fruit. Highly prized for its fragrant aroma which will perfume a whole room	**Oz., 40 cts.**	.05
Pearshaped Gourd. Very prettily striped cream yellow and green.	**Oz., 30 cts.**	.05
Serpent Gourd. 3 to 5 feet long, slender and striped like a serpent.	**Oz., 30 cts.**	.05
Sugartrough. Old-fashioned Sap bucket	**Oz., 30 cts.**	.05
Turk's Cap. Turban shaped. Very beautiful; striped white and red	**¼ oz., 25 cts.**	.05
Mixed Gourds all kinds	**Oz., 25 cts.**	.05

Collection of the 10 sorts listed, one of each packet, **40 cts.**

Moonflowers

	Per pkt.
HUMULUS JAPONICUS (Japan Hop). Splendid climber of rapid growth. Very ornamental. Ht. 12 to 15 feet **Oz., 50 cts.**	$0.10
Variegata (Striped Japan Hop). Very ornamental, the dark green leaves exquisitely mottled with silvery or cream white	.10
IPOMOEA (Morning Glory). Sow seeds indoors early in season and transplant when weather is warm...	
Heavenly Blue. Deep azure blue, shading white toward centre **¼ oz., 30 cts.**	.10
Bona Nox (Evening Glory). Large fragrant violet flowers, open toward evening. 15 feet **Oz., 30 cts.**	.05
Grandiflora alba (Moonflower). Large heart shaped leaves, and very fragrant, pure white, large flowers. 5 to 6 inches in diameter. Open during dull days and in the evening. 25 to 30 feet. **¼ oz., 30 cts.** Soak in warm water 24 hours before planting, germinates slowly.	.10
Grandiflora Rosea. Same as White Moonflower, but the flowers are a soft rose **½ oz., 40 cts.**	.10
***LINARIA CYMBALINA** (Kenilworth Ivy). Excellent for hanging baskets, vases, pots, old stone walls. Throughout the summer the plant is covered with masses of dainty lilac and yellow flowers like miniature Antirrhinums. The foliage is very pretty, glossy green, and three-lobed. Ht. 4 inches	.10
***MAURANDIA** (Half-hardy Perennial). Graceful plants with Gloxinia-like flowers ranging in color from pure white to lavender violet and rose purple. Fine for hanging baskets, window boxes, pots, and vases. Flower in very short time from seed. Finest mixed **¼ oz., 75 cts.**	.10
Maurandia Purpusi (See Novelties, Page 11).	
MOMORDICA BALSAMINÆ (Balsam Apple). A remarkably fast growing annual vine, bright green foliage and golden warted fruits. When fully ripe the fruits break open displaying the bright crimson red interior. Ht. 10 feet. Seeds must be sown where the plants are to grow. **Oz., 50 cts.**	.10
MOMORDICA CHARANTIA (Balsam Pear). Resembles the preceding in every respect except that the fruit is pearshaped. **Oz., 50 cts.**	.10
PASSIFLORA CŒRULEA (Passion Vine.) Very quick and profuse grower. Vines will run 10 to 30 feet, and be covered with bloom. The foliage is a rich green, of a five-lobed shape. Color of bloom is a combination of sky-blue, red, white, and variegated; size 3 to 4 inches across. Superb for the window garden or conservatory; nothing more beautiful for the garden. Roots do not die in winter. Grow stronger each year and are ready early in spring with their beautiful green shoots	.10
THUNBERGIA ALATA. Slender growing climbers. Ht. 4 feet. Rapidly covering vases, window boxes, hanging baskets, with a wealth of brilliant flowers ranging in color from creamy white to yellow and deep orange with black centres. Bloom profusely through all summer **¼ oz., 40 cts.**	.05
TROPÆOLUM CANARIENSIS (Canarybird vine). A very pretty annual climber. Delicately fern-like foliage and lovely fringed canary-yellow flowers, swinging on slender stems like large yellow butterflies posed for flight	.05
MIXED CLIMBING PLANTS **Oz., 50 cts.**	.10

THE CHILDREN'S FLOWER GARDEN

The little ones want a **garden** all to themselves. They love to plant the seeds, watch their sprouting growth, and final flowering. Give them a bit of ground all their **very own** to have and to hold, to dig and to sow, to plant and to reap the beauty of blossoming things.

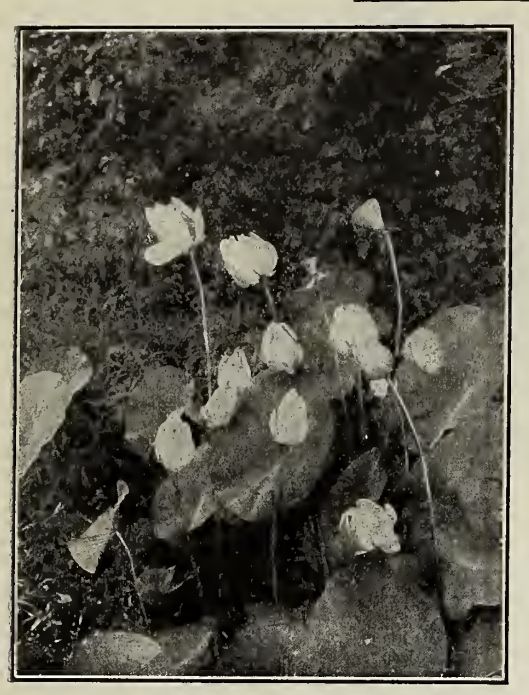
We have carefully selected certain varieties of seeds which grow, so to speak, by themselves with the **least** care, all annuals, which sprout rapidly, the little folk being the most eager for **results**. A little seed, a bulb or two, a few pennies worth, and the child will know more real joy and pleasure than many a one with the largest estate tended by skilled gardeners.

SEEDS THAT WILL GROW WITH LITTLE CARE

Asters, early flowering	Sweet Alyssum	Balsams
Calendula	Candytuft	Cosmos
Centaurea (Bachelors' Button)	Eschscholtzia	Marigold
Petunias	Poppies	Portulaca
Sweet Peas	Ricinus	Lupinus
Verbena	Mignonette	Annual Phlox
Zinnias	Mixed Annuals	

The 20 packets for **50 cts.**
10 packets, your choice, **30 cts.**
5 packets, your choice, **20 cts.**

JAPANESE FLOWER SEEDS



Nelumbium Speciosum — Japan Sacred Lotusflower

Lotus seed must be planted in very wet soil and before planting scrape the germ end slightly to facilitate germination. Give plenty of warmth and water. The plants flower the second year.

A Wild Flower Nook

ANEMONE JAPONICA. Large silvery white flowers borne on long stiff stems (perennial). **¼ oz., 30 cts.; pkt., 10 cts.**

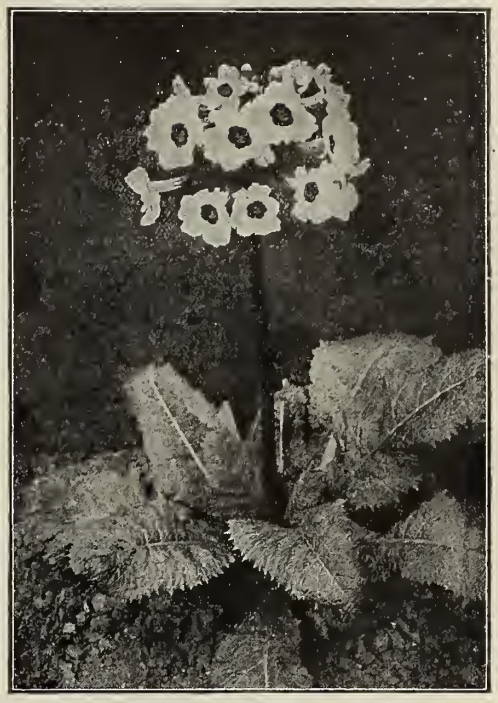
DIANTHUS LACINIATUS MIRABILIS. The most beautiful varied flowers of Dianthus fringed, single, semi-double in all tints and shades from white rose to deep maroon. **Pkt., 10 cts.**

CHRYSANTHEMUM JAPONICUM. Giant flowers of this Queen of Autumn, all shades mixed. **Trial pkt., 10 cts.; pkt., 25 cts.**

IRIS KÆMPFERI. The most interesting **new** Hybrids can be raised from the Iris seed. It takes a little patience as the plant will **not** flower before the second year, but the results justify the waiting. **Oz., 50 cts.; pkt., 10 cts.**

HIBISCUS MUTABILIS. Very fine variety, buff with crimson centre. **Pkt., 10 cts.**

LOTUS (Nelumbium Speciosum). White or rose. **Pkt., 10 cts.**



Japan Primula

	Per pkt.
LILIUM AURATUM. **Try** raising this from seed. It will flower in two years. From actual results we **know** that bulbs raised from seed give **astonishing results** as to **size of flowers and hardiness** ..... **Trial pkt., 10 cts.**	$0.25
MORNING GLORY IMPERIALIS. These magnificent sorts of Morning Glories are getting to be known and every season the demand increases. We offer the **very best.**	
Giant Variety. Flowers are five inches in diameter	.10
Single Fringed ..... **Oz., 25 cts.**	.05
Single Yellow. Very Rare	.10
Best Double. Finest tints ..... **Trial pkt., 10 cts.; oz., 40 cts.**	.25
Tokio Beauties. Miniature Morning Glories of ethereal beauty. Exhibitions of these lovely flowers are held by the Japanese enthusiasts every season, vying with each other in the production of newer and still more beautiful varieties. We have secured seed from some of the **Finest Prize exhibition blooms** ..... **Trial pkt., a few seeds, 10 cts.**	.25
PRIMULA JAPONICA. Lovely variety of Primula. Large heads of flowers in rose to mauve tints ..... **Trial pkt., 10 cts.**	.25
PHYSALIS FRANCHETTI (Chinese Lantern plant). This lovely plant is very ornamental. The brilliant red flower is enclosed in a bright green outside set of petals giving the appearance of a light set inside a lantern. Of very easy growth	.10

OUR WILD FLOWER SEED

SPECIAL NOTICE

We make up a mixture of **seeds** for the Wild Garden in **Annuals and Perennials.** The seed for annuals consists in all sorts which will blossom **one** season and have to be renewed the next with exception of some who will scatter seed which often come up the following season especially if a mild winter intervenes.

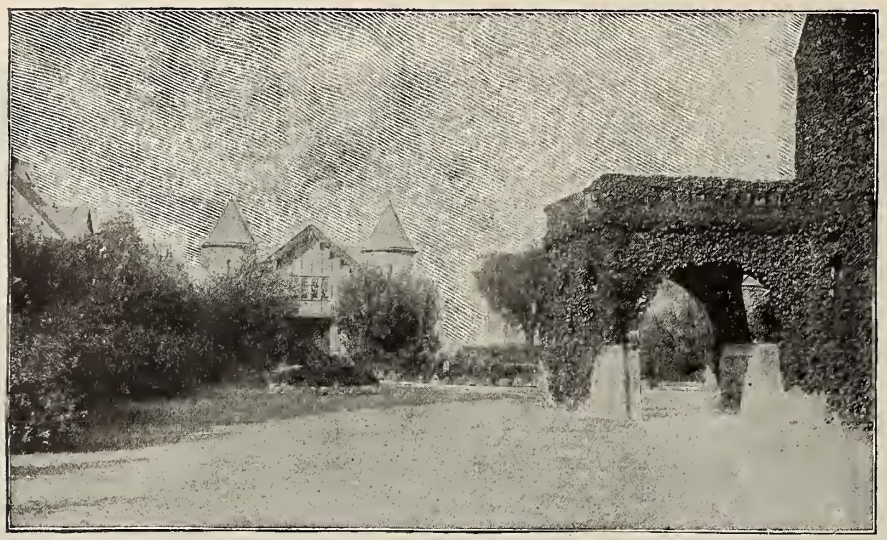
This seed can be scattered broadcast, raked in lightly, watered and left to itself, unless in **very** dry seasons, the watering can be left to the heavens once the plants are up.

Annual Wild Flower seeds. Pkt., 5 cts.; ¼ oz., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.

Our perennial wild flower seed contains a collection of very choice Perennials combining all varieties, colors, etc. This is a **very** fine seed and as we **mix** it ourselves there is no danger of only a very few straggling sorts appearing. In sowing this you can be **sure** of **excellent** results.

Perennial Wild Flower seeds. Pkt., 10 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.

Seeds for the seashore. This consists of all such flowers which will thrive in **salt-air** and sea fogs. **Especially** selected. **Pkt., 10 cts.; ¼ oz., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.**



A Beautiful Lawn

WATERING THE LAWN

Water must be always applied in a manner that the moisture reaches the **roots,** mere surface sprinkling is of **no use.** In warm weather water only in the early morning or after sundown. A good thing is, to let lawn sprinklers run for awhile on one spot, until thoroughly saturated, then remove to next one until the whole lawn has had a good **soaking** which will last better than a slight application of water several times.

WEEDS

One of the most frequent weeds in the lawn is the **Dandelion.** These have long **taproots** and must be taken out **thoroughly** to **keep** out. A good tool is an asparagus knife with a long blade, which reaches to bottom of root. Plantains also infest lawns. They can be easily drawn out with the hand. Wherever weeds leave an empty spot sprinkle a little fresh grass seed and press down hard. It will soon obliterate with fresh growth. **No** matter what tools are offered for the extirpation of weeds **nothing** takes the place of **conscientious hand weeding.**

BERGER'S TIP TOP LAWN GRASS

(25 lbs. to the Bushel)

Of highest purity and greatest vitality. All varieties carefully proportioned so as to maintain a bright rich green color from first appearance to late frosts. One pound will sow a plot 20 x 20 ft.; 80 pounds will sow an acre.

One lb.,40 cts.; 5 lbs., $1.75; 10 lbs., $3.25; 25 lbs., $8.00; 100 lbs., $30.00.

Price includes delivery.

OUR VELVET SOD LAWN GRASS

(22 lbs. to the Bushel)

This is a very fine grade of Grass seed. Composed of finest recleaned grasses free from weeds, chaff and foreign matter. In comparing prices always note the **weight** of the seed. **Cheap** Lawn grass seeds will weigh from 14 to 16 lbs. to the bushel, owing to the large mixture of coarse material.

One lb., 35 cts.; 5 lbs., $3.25; 10 lbs., $5.50; 25 lbs., $7.50; 100 lbs., $28.00.

SHADY PLACE LAWN GRASS SEEDS

No grass will grow under Pine trees.

If greenery is wanted under pine or conifer trees, small creeping plants must take the place of the grassy sod. Bare unsightly spots will, however, appear in places around evergreens, etc., where the sun does not penetrate. This can be remedied by using this seed, which is composed of varieties of grasses thriving in shady spots.

One lb., 40 cts.; one bu. of 20 lbs., $7.00, including delivery.

TERRACE SOD GRASS

Special mixture of grasses which cannot be washed out by rains and which produce a fine velvety green surface. The roots of all these sorts are especially strong and deep.

One lb., postpaid, 50 cts.; 5 lbs., postpaid, $2.25; bu. of 20 lbs., not prepaid, $6.75.

LAWNS

The paramount question asked every spring by owner of Bungalow or Country estate alike is.

How can I establish a beautiful permanent lawn?

How can I restore a poor lawn?

How can I keep a well established lawn in good condition?

We say. First of all, **buy only the very best seed obtainable, even if it costs a little more.** You wish to raise **Grass** not **weeds.** Be sure that the soil for your lawn is rich, so as to furnish the grass roots an abundance of food. Dig up the soil to a depth of 8 inches, enrich it by adding well rotted Manure, or bone meal or pulverized Sheep manure. Rake the surface perfectly **even** leaving no hollows or unequalities in the soil, then sow the seed **liberally.** Four bushels and even more to one acre is **none** too much for a **new** lawn. For renovating old lawns 1½ to 2 bushels to acre. For a new plot 15 x 25 ft. two quarts is sufficient. To renovate such a plot one quart will suffice. Never sow grass seed on a **windy** day. Sow the seed as early in the spring as possible to get the grass well started before the very hot weather arrives. It is a matter of opinion whether fall or spring is better to start a new lawn. **We** are in favor of spring sowing.

If your **established lawn** has been fertilized in fall it will not need it in spring. If not, the best dressing for a lawn in spring is one of **Bonemeal** or Canadian hardwood ashes. Put on thick enough to give the grass a grayish appearance after the application. **Nitrate of Soda** applied cautiously is the best remedy to make the lawn appear especially thrifty and, a beautiful green color. For a small plot 25 x 25, place ½ lb. in 50 gallons of water and sprinkle the grass. The effect will show in a very short time.

GRASS FOR THE SEASHORE

Mixture of fine grasses thriving in **sea air** and heavy sea fogs. Sow as early as possible in the spring. Use 100 lbs. to the acre. One lb. for plots 200 square feet.

One lb., postpaid, 50 cts.; 5 lbs., postpaid, $2.25; 20 lbs., not prepaid, $7.00.

LAWNGRASS FOR THE SOUTH

A fine mixture of grasses best adapted to withstand great heat and drought.

One lb., postpaid, 40 cts.; 5 lbs., postpaid, $1.75; 20 lbs., not prepaid, $5.00.

CLOVERS

WHITE CLOVER

Mixed with other grasses is very desirable, on account of its creeping stems, for lawn purposes, a binder; and of considerable value for permanent pastures. Crop short.

Extra fancy seed, 1 lb., 50 cts.; (by mail 58 cts.); 10 lbs., $4.75; bu. (60 lbs.), $27.50; 100 lbs., $45.00.

Choice seed, clean, but not as bright as above, 1 lb., 45 cts.; (by mail, 53 cts.); 10 lbs., $4.25; bu. (60 lbs.); $24.50; 100 lbs., $40.00.

CRIMSON CLOVER

Annual crop much used in the East and South for soiling or pasture. It is being tried in the North.

One lb., 20 cts. (by mail 28 cts.); 10 lbs., $1.50; bu. (60 lbs.,) $6.50; 100 lbs., $10.00.

FANCY MEDIUM RED CLOVER

Clover seed this year is very high, and good qualities are scarce, due to the long rainy summer. Much seed is colored, weedy, and of poor germination. Sow the cleanest, highest germination seed you can find. If unable to determine yourself what is good, send samples of what you are offered to your State Experiment Station, or the United States Department of Agriculture, Seed Laboratory, at Washington for analysis. Our seed is the purest and highest high testing seed we can buy and we are at all times willing to submit samples from identical lots of seed. Sow 8 to 10 pounds to the acre.

One lb., 25 cts. (by mail, 33 cts.); 10 lbs., $2.35; bu., $11.25; 100 lbs., $18.50. Choice grades for less money. Write for samples.

MAMMOTH RED CLOVER, FANCY SEED

Grows larger than the medium, does well on light thin lands. Price, January 20th, always subject to market changes.

One lb., 35 cts. (by mail, 33 cts.); 10 lbs., $2.35; bu., $11.25; 100 lbs., $18.50.

All grass and clover seed prices subject to change with market prices.

SUMMER FLOWERING BULBS AND ROOTS

Prices on this list of Bulbs and Tubers (except where noted), include free delivery by mail, express or freight. Write for "Special Prices" where larger quantities are desired.

AMARYLLIS

More and ever more do these **royal** flowers gain favor with us. The demand has increased enormously in the last five years, and with those who have begun to cultivate these gorgeous flowers it has become a real craze. We are in a position to supply the **very best** in that line, **marvels** in size, **coloring** and profuseness of bloom.

DIRECTIONS FOR PLANTING

It is an accepted idea that Amaryllis are hard to grow, while in fact they are amongst the easiest flowers to bring to perfection. Plant as soon as bulbs are received, in a compost of two thirds good garden loam, adding one third of leaf mold and a small addition of sharp sand. Plant the bulb only one half below the surface, leaving the other end out of the soil. Give more water after the flower scape begins to develop. A little weak liquid manure will produce larger flowers and more vivid coloring. The flowering period is average three to four weeks. After flowering keep them in a warm place and water freely until end of August, when water must be gradually withheld and the bulbs allowed to go to rest. They are ready to repot into new soil any time after October first. Or they can be stored in dry material such as sand, Cocofiber, etc., and kept over in a frost proof place until the following spring.

We offer a **list of truly magnificent species.**

NEW ROYAL AMARYLLIS

This new race of Amaryllis produces a bulb of enormous size and strength, throwing up broad, healthy foliage and stout flower scapes, each producing blossoms of truly gigantic size. The flowers are often a foot or more across, larger than the Auratum Lily, and with colors which for purity and intensity are marvels. A well known specialist has spent years in hybridizing and perfecting this strain, during which time they have been seen by horticultural experts all over the world, and their great superiority over all known Amaryllis fully acknowledged. The colors vary from as near **pure white** as has ever been found, to the deepest maroon, taking in all intermediate shades and showing contrasting stripes of white, rose scarlet, blood red, etc.

To have the best in Amaryllis give our **Royal Strain** a trial.

Each bulb, **$1.00;** six for **$5.00.**

Each bulb is really worth five times the amount, but we wish to disseminate these floral wonders.

GENERAL LIST OF AMARYLLIS

	Each	Doz.
A. Bella Donna. Flowers midsummer and fall. Stems 2½ to 3 feet high carrying from 6 to 12 flowers in umbels. Color a most exquisite silvery rose. Incomparable for cutting and decorating. Lasts a long time in water	$0.15	$1.65
Extra strong bulbs	.20	2.00
Amaryllis Equestris (Barbadoes Spice Lily). Bright orange scarlet, with pure white star in throat and white line through part of petals. Free bloomer and very showy	.15	1.50
Extra strong bulbs	.20	2.00

Amaryllis — Hallii

A. Hallii. (Japan Amaryllis or Lycoris.) Produces in early spring attractive green foliage, which grows until July when it ripens off and disappears, and everyone not familiar with the growth of the bulb, would think it had died, when, about a month later, as if by magic, the flower stalks spring up from the ground to a height of 2½ to 3 feet, developing umbels of large and beautiful lily like flowers, 3 to 4 inches across, and from 8 to 12 in number. Color a most delicate rosy mauve, shaded with clear blue. A color like the softest evening sky

	Each	Doz.
	$.20	$2.00
Extra strong bulbs	.30	3.00

Note. As this bulb, contrary to other Amaryllis is perfectly hardy, it can be planted either fall or spring. Cover the crown 3 to 4 inches. This Amaryllis is most beautiful in the herbaceous border among shrubbery or in groups.

A. Formossissima (St. Jacob's Lily). Very showy flower, of deepest scarlet. Can be grown in pebbles and water like a Hyacinth, and will give beautiful bloom in winter garden. Planted outdoors in the spring it will flower in summer	.15	1.50
Extra large, strong bulbs	.20	2.00
A. Johnsoni. A grand Amaryllis. Immense flowers of great substance. The color is an intense deep crimson scarlet, with a broad white stripe through each petal. Bloom beautifully in the house in winter, or outdoors in summer. Large bulbs	.35	3.00
Monstrous bulbs	.40	4.00
A. Vallota Purpurea (Scarborough Lily). A most exquisite fall and winter flowering lily-like flower. Splendid for winter garden and pot culture. Produce strong, tall spikes of fiery scarlet flowers. Plant several bulbs in a receptacle 10 to 12 inches diameter, the gorgeous effect will amply repay you. Each spike carries to 5 to 8 flowers. The effect is that of living, glowing flame	.25	2.50
A. Nerine Sarniensis. A most beautiful species of Amaryllis like flowers. They succeed splendidly in the house, throwing up strong stems, 18 to 24 inches high, carrying umbels of richest glowing salmon-rose flowers	.25	2.75
A. Nerine Japonica. This beautiful Nerine flowers in late fall from November to January. The flowers are a deep scarlet crimson, the anthers a lighter shade and the whole flower makes the effect of being frosted with silver. It sparkles in the sun or in artificial light. Small bulbs commence to flower, and last in bloom a long time.		
Extra large bulbs Per 100 $10.00	.15	1.50

Agapanthus Umbellatus

AGAPANTHUS UMBELLATUS

(Blue African Lily.) One of the most showy and striking plants. The color is the most **intense clear blue,** so rare in flowers, the blossoms being carried on long stems in heavy umbels, as many as 12 to 15 flowers to each stalk. Unexcelled for planting in large tubs or pots of several tubers to the tub. Make an ideal lawn, conservatory or veranda decoration. These tubers can be planted with great effect along running water. In very cold climates the tubers must be lifted in October and stored in a dry cellar or frost proof place in dry sand when they can be replanted in spring. Tubers in pots can be kept in pots or tubs in the cellar over winter or in any place where frost does not enter. **Each 25 cts.; doz., $2.75.**

White form of Agapanthus Umbellatus. Beautiful white flowers slightly shaded blue. **Each 30 cts.; doz., $3.00.**

ANEMONES

Beautiful spring and summer flowering plants, bearing both single and double flowers, and of a richness of coloring that is almost indescribable.

	Doz.	100
Coronaria, Single Poppy flowered. Large beautiful saucer-shaped flowers. Magnificent mixed colors	.20	1.50
Coronaria (Double Poppy flowering). The flowers are very double, surrounded with large guard petals. The colors are of the greatest variety and gorgeousness. Several colors are usually blended in one flower like scarlet and purple, rose and lilac, white and red	.30	2.00
Fulgens. Single rich, dazzling scarlet flowers on graceful stems. Especially fine for cutting, lasting a long time	.30	1.75
Giant St. Brigid's. A new Irish race, bearing profusely magnificent flowers, single, semi-double, and double, 3 to 5 inches across; of the richest tints, representing all known colors. You will see white, flesh color, rose, mauve, purple, bright scarlet, maroon, crimson, blue striped, zoned, flushed flowers, a floral rainbow. The flowers are borne on long graceful stems and the foliage is feathery bright green. Grow in the house or over winter in a coldframe to plant out in spring or plant in the ground in sheltered spots well protected. They are a show of gorgeous colors wherever grown. Large bulbs	.30	2.50

TUBEROUS BEGONIAS

One of the **most valuable** bulbous plants for Lawns in beds, or borders. **The only** gay and brilliant colored flower, that will thrive and blossom in **absolute** shady places. While they bloom fine in the sunshine they gain an additional lustre of tints in the shade. The gigangic waxy flowers are borne on long stout stems well above the beautiful foliage. Begonias are of the easiest culture, rarely attacked by either blight or insects. For very early bloom start the bulbs in the house in February to March in flats in a light soil composed of ⅓ good fine soil and ⅔ leafmold with a little admixture of sand. (We have started Begonias and Gloxinias with great success in our prepared Mossfibre). Plant in flats 2 inches apart and take great care that in planting you place the **depressed** or **germ end upward.** The smooth round side produces the roots. The soil or Mossfiber must be kept slightly moist and the whole kept in a **warm** place near the light. As soon as warm weather is settled lift the young plants carefully and set in permanent beds. Or plant the bulbs directly in the open when no more danger of frosts threatens.

Begonias prefer situations where no high winds strike them. If planted in full sun keep the ground moderately moist.

SINGLE FLOWERING VARIETIES

In separate colors.
White, scarlet, crimson, blush rose, deep rose, yellow, orange.
Large bulbs in any of these colors: **3, 20 cts.; doz., 60 cts.; 100, $4.00.**
Mixed colors: **3, 15 cts.; doz., 50 cts.; 100, $3.50.**

Ruffled Single Begonias

NEW SINGLE FRILLED BEGONIAS

In this new and beautiful race the flowers are **immense,** borne on massive stems, each flower charmingly ruffled and frilled.
Each, 10 cts.; three, 25 cts.; doz., 80 cts.; 100, $6.00.

NEW SINGLE CRESTED BEGONIAS

The flowers are ruffled and frilled like Giant Petunias or Orchids, and each petal crested or bearded as found in Bearded **Iris.** The colors are same as in single Begonias.
Each, 10 cts.; three, 25 cts.; doz., 80 cts.; 100, $6.00.

Anemone St. Brigid's

DOUBLE FLOWERING BEGONIAS

In separate colors: Rose, scarlet, white, yellow, orange, or mixed: **ach, 12 cts.; three, 30 cts.; doz., $1.00; 100, $8.00.**

ount Zeppelin. A double form of Hybrid Begonia. Do splendidly even in deepest shade. Flower continually throughout summer, the color is an intense scarlet, rivalling the most fiery Salvia splendens plant. These lovely plants reach a height 10 to 12 inches, are very sturdy, and send their numerous flower spikes well above the foliage till frost cuts them down.

Each, 15 cts.; doz., $1.50; 100, $10.00.

afayette. Same in habit and growth, double flowers of rich, brilliant crimson, scarlet.

Each, 12 cts.; doz., $1.10; 100, $8.00.

BESSERA ELEGANS

The Mexican Coral Drop. As name implies, a charming coral red ell-like flower which drops from its many branches like a dainty bell. eight 12 to 15 inches, flowering profusely in summer, this pretty plant is easing to the eye wherever seen. The bulbs must be taken up in late ll, same as Begonias. Large bulbs sure to flower.

Each, 10 cts.; 3 for 25 cts.; per doz., $1.00.

CALADIUM ESCULENTUM

One of the grandest ornamental leaf plants wherever tropical effects are esired or for showy centrepieces. Grows in any good garden soil, needs ardly any care. Unsurpassed for decorative effects. As centres for anna beds invaluable.

Each medium size, 15 cts.; doz., $1.50.

Large size, 20 cts.; doz., $2.00.

Mammoth size, producing enormous plants each, 35 cts.; doz., 3.25. Delivery included.

Our purpose is to manage our business with such care that our establishment will become known wherever this Catalogue reaches, as one of high integrity, where you may send with utmost reliance for anything needed in our line, with the assurance that you will be served with painstaking care and that every dollar spent will bring you full value in return.

A business of 38 years standing like ours has passed the experimental stage.

Callas

FANCY LEAVED CALADIUMS

These truly **magnificent tropical** foliage plants are but too little known. Wherever they have been seen in all their gorgeous tinting they have found admirers. Unfortunately **only** the **Brazilian** sorts are **worth** the planting. The cheap and dull colored sorts grown in some places hardly deserve a place in the garden or in the Conservatory. We have discarded all the unsightly coarse varieties and made a selection of the **very choicest** varieties.

1. Ella. White ground transparent, clouded yellowish green and mossgreen.

2. E. Haimer. Transparent white ground, with bright green veins.

3. Eva M. Satiny rose, transparent mossgreen border. A **gem.**

Fancy Caladium

4. Jessie M. Thayer. Deep red with red velvety veins, interspersed with lighter color, turning later in season to white.

5. Marian. A grand bright red with light green border.

6. Melba. White with green veins and red spots. Magnificent.

7. Piculy. Pure transparent bluish white with narrow green border.

8. Susanna. Violet rose with deep violet red veins and ribs. One of the **rarest** novelties.

9. Rio Janeiro. Deep watermelon pink veined and blotched green. A beauty.

10. Escarlata. A shining deep red with golden yellow border. Plant a group of these gloriously tinted plants. The beauty will surprise you.

Each bulb, 35 cts.; the ten, $3.00.

CALLAS FOR SUMMER BLOOM

These are grand bulbous plants alike beautiful in beds or pots. The colors are many and varied. Thrive anywhere, given good soil and a good supply of moisture. When in bud an application of weak liquid manure will give the flowers greater size and brilliancy of coloring.

Aurata (Lemon Calla). New and fine, the flowers being a beautiful light yellow, with a jet black centre therefore very conspicuous and showy. Its foliage is large and handsome, deep green, freely spotted white. Makes a most superb pot plant. **Each 25 cts.; doz., $2.75.**

Calla Elliottiana. The finest yellow Calla, of a deep rich golden yellow color with large flowers, 4 to 5 inches across; foliage spotted with silvery white. A free bloomer and easily forced in the house; exquisite. **Each 50 cts.; doz., $5.00.**

Godfreyana. A superb novelty in Callas. Dwarfer in type with all the beauty of the taller growing species. It is exceedingly free blooming, the blossoms being of the purest glistening showy whiteness. **Each, 25 cts.; doz., $2.50.**

Mrs. Roosevelt. Flowers light clear yellow, produced freely on long stems. Foliage, deep rich green, distinctly and freely blotched with white, making the plant very effective for banking and other forms of decorations, and more distinct and showy than Fancy Caladiums for many purposes. It does well planted outside, grows strong and flowers freely. Probably the best Calla for this purpose extant. **Extra large bulbs, 30 cts.; doz., $3.00.**

Rhemanni. (Pink.) This magnificent new Calla has a large flower of a rich, deep shade of pink that is perfectly exquisite. A strong, easy grower, and a free bloomer. **Each, 30 cts.; doz., $3.00.**

Ricardia maculata. Spotted Leaved Calla. Dark glossy green foliage, spotted silvery white; flowers same as the C. Aethiopica; habit somewhat smaller. **Each, 15 cts.; doz., $1.00.**

One each of above six sorts of beautiful Callas which in bloom form a unique decoration, $1.50. Three of any kind at dozen rates. Delivery included in price.

CANNAS

No other bedding plant will give the same uniform satisfaction in our varied and trying climate. They do well in any section of the country, and stand preëminently at the head of the list, succeeding in sunny positions in any kind of soil and responding quickly to liberal treatment by gorgeousness of bloom, size of foliage and height of stems. For best results the beds should be spaded two feet deep and a good amount of well decayed manure incorporated thoroughly with the soil. At all times give a liberal supply of water. For the very best effects plant in large masses of one color, setting the tubers two feet apart.

Note. Where the earliest flowering is desired, start the Canna roots in February in shallow boxes filled with good garden soil, water thoroughly and set in a warm place. When five to six inches high the young plants can be either potted and kept until all danger of frost is over or the roots can be set out as soon as soil is warm.

TALL GROWING CANNAS

Alphonse Bouvier. Dark crimson flower, green foliage, 5 feet.

Black Prince. Showy flowers of crimson scarlet overlaid deep maroon, 5 feet.

Chameleon. Flowers open a rich orange, striped with red, then turn to yellow and rosepink, 5 feet.

Jupiter. Furnished right down to the base with an abundance of deep purple foliage, some leaves 1 foot wide and 3 feet long, rich red flowers. **A giant canna** and extremely effective. **Each, 15 cts.; doz., $1.50.**

King Humbert. The flowers are immense, measuring 6 inches in diameter, produced in heavy trusses of gigantic size, color a brilliant orange scarlet with bright red markings while the foliage is broad and massive, of a rich coppery bronze, with brownish markings. **Bold** and effective as centrepiece or in border, as a **showy** bed on lawn surrounded with lower growing Cannas, the general effect is stunning. Height 5 to 6 feet. **Each 18 cts.; doz., $2.00.**

President Meyer. Handsome bronze and sepia foliage; flowers large in wide trusses, cherry carmine. Height 6 feet.

Pennsylvania. Lustrous wavy petals of great size. The richest shades of orange and scarlet exquisitely blended. Height 6 feet.

Rosea Gigantea. A rich rosepink flower of great size and a most profuse bloomer. The flower heads are of wondrous size. It is really a **magnificent** Canna both in flower and foliage. **Each 25 cts.; doz., $2.50.** Height 4½ to 5 feet.

Wyoming. One of the most majestic Cannas. Blooms are orange yellow, **true** Orchid flowering with large rounded petals which flutter in the breezes like glittering flags. Height 7 feet.

MEDIUM SIZED CANNAS

Chas. Henderson. Bright crimson, green foliage, 3½ feet.

Crimson Bedder. Intense scarlet flowers, green foliage, 3 feet.

Egandale. A very fine **bronze** leaved sort with cherry red flowers, 3½ feet.

Florence Vaughan. Rich golden yellow spotted scarlet, 2½ feet.

Gladiaflora. Flowers look exactly like a Gladioli. Color crimson, changing to carmine rose with an irregular edge of gold, 3½ feet. **Each 15 cts.; doz., $1.50.**

Mlle. Berat. Flowers a soft rosy carmine pink, 3 feet.

Madame Crozy. Vermilion with golden border. One of the most popular Cannas, 3½ feet.

R. Wallace. The finest **yellow** Canna grown. Enormous flowers, 3½ feet.

Floral Park. A beautiful salmon. Orange bordered bright yellow, 3 feet.

Souvenir de Madame Nardy. A very unique flower. Bright yellow spotted with large black blotches. 3½ feet.

Mrs. Alfred F. Conard. One of the **finest** Novelties introduced. The exquisite salmon pink flowers are very large, borne in erect abundantly furnished heads so freely produced as to keep a superb showing for months above the light green foliage. **Each 15 cts.; doz., $1.50.**

Price for **all Cannas** listed where not specially noted: **Each 10 cts.; doz., $1.00. If wanted by mail add 10 cts. per dozen.**

Mixed Cannas. Tall or medium sized sorts **per doz., $1.00; per 100 $7.50, postpaid.**

CHILDANTHUS FRAGRANS

The blooming of this new bulb with us last season was a revelation of beauty. It is much like an Amaryllis, with a strong bulb, which starts growth and blooms as soon as potted. The flowers are borne in clusters, 4 to 6, and are in color the brightest golden yellow, and such fragrance. Strong and delicious without being in any way rank or offensive as is the case with many highly scented flowers. Two or three spikes of these exquisite large yellow blossoms are produced at each blooming period. Pot the bulbs at any time, winter or spring, and they will soon be in bloom. A truly magnificent thing. Strong bulbs, **Each 10 cts.; 3 for 25 cts.; 12 for 85 cts.**

CRINUM

This grand new plant forms large, imposing clumps that are a mass of clustered heads of pure white, fragrant flowers. The flowers have a peculiar and striking beauty which must be seen to be appreciated. The flowers are borne in large clusters, are of a waxy whiteness, and unsurpassed fragrance. More beautiful than most of the high-priced Lilies. An extra choice garden flower which we cannot too strongly recommend. Also a fine pot plant. Fine flowering bulbs. **Each 25 cts.; 3 for 60 cts.**

Fimbriatulum (Milk and Wine Lily). A strong grower, not particular as to soil. Flowers in umbels; very large and showy, striped white and crimson; 3 to 4 inches in diameter. Exceedingly choice and desirable as a pot plant or bedding out during summer in the North. The fragrant flowers produce a sensation when seen. **Each 35 cts.; 3 for $1.00.**

Kirki. This produces a large, round bulb, which grows to weigh as much as ten pounds. It is of the easiest culture, and sure to succeed with everyone. Its flowers are large, and like a most beautiful Lily, borne in immense clusters at the top of the stout scapes. Color, soft delicate blush, with a scarlet bar through the centre of each petal, and very sweet scented. **Each 35 cts.; 3 for $1.00.**

Ornatum. Very rare and supremely beautiful. Flowers of immense size, almost as large as an Auratum Lily. Color, pure white, with a deep band of brightest, richest crimson through centre of each petal. Orchids only can equal this flower in supreme beauty and contrast of coloring. Flowers very fragrant and borne in great clusters. Strong bulbs. **Each 75 cts.; 3 for $2.00.**

Powelli. One of the most exquisite Crinums in existence. The clusters of large, rosy red flowers are borne on tall erect stems.

Powelli Alba. A pure white type of this beautiful Crinum. Nothing more effective than a group of the rosy red white, and the third of this royal type, the flowers of which are a rose blush tint. **One each of these three magnificent Crinum bulbs, $1.00; each 35 cts.**

CYCLOBOTHRA FLAVA

Narrow grassy foliage, and a constant bloomer. Flowers bell-shaped, bright yellow dotted brown. Very graceful and in every respect a perfect gem. In many ways it closely resembles the superb Calochortus of California. Like Milla and Bessera it is easily grown in the open ground, treated like a Gladiolus. **Each 5 cts.; 3 for 10 cts.; 12 for 35 cts.**

DAHLIAS

The **Dahlia** has come into its own. A wave of **Dahlia enthusiasm** has swept over the country. Societies have been started and many of these devoted admirers of Queen Dahlia vie with each other in the production of the **finest** flowers. We offer some of the acknowledged **best** sorts.

WELL KNOWN SORTS OF CACTUS DAHLIAS

1. **Aschenbroedel.** Orange pink with delicate yellow tips.
2. **Amos Perry.** Brightest vermilion scarlet.
3. **Britannia.** Soft salmon, suffused pink.
4. **Count Victor von Schaeffel.** A beautifully shaped flower. Soft delicate pink, edged a deeper rose.
5. **Elsa.** White suffused and edged pink. Very fine.
6. **Florence M. Stredwick.** A very finely formed pure white Cactus Dahlia with long narrow petals; small florets at the base of each petal. It is really a double Cactus Collaret which gives it a most novel and distinct fringed appearance.
7. **Gabriel.** Bright salmon tipped white. Incurved flowers.
8. **General Buller.** Rich velvety maroon, tipped white. Known as "Frank Smith."
9. **Harbor Light.** Immense size. Long incurved petals deep yellow, margined red, very effective.
10. **Kriemhielde.** Deep rosy pink with light centre. Keeps a long time after cutting. A favorite for decorations.
11. **Libelle.** Beautifully formed dark purple, profuse bloomer. Full to the centre.
12. **Mabel Tullock.** Immense size, deep rose pink, tinting lighter toward the centre.
13. **Mont Blanc.** A magnificent pure white. Long stiff stems absolutely full to the centre.
14. **Mrs. Clinton.** Rich salmon.
15. **Prince of Yellows.** Soft golden yellow. Very profuse bloomer.
16. **Rising Sun.** A glorious combination of sunrise tints.
17. **Mrs. Geo. Stevenson.** The very best yellow Cactus.
18. **Standard Bearer.** The brightest flaming scarlet.
19. **Thomas Perkins.** Flower large, splendidly formed, color a bright terra cotta. Strong grower with long stiff stems. Invaluable for cutting.
20. **Titania.** A beautiful satiny maroon.

Any of the 20 Cactus Dahlias listed, **20 cts.; doz., $2.25.**

Delivery is not included in price. The stock we send is **large** field-grown undivided roots, **not** rootlets which will **not** flower.

We do not prepay on Roots, unless especially noted.

Rev. A. Hall

THE GEM OF ALL DAHLIAS "NEW AND RARE CACTUS"

1. **C. E. Wilkins.** Large yellow, overlaid clear salmon pink.
2. **Dorothy.** Large soft silvery pink, long incurved petals.
3. **Mrs. Shoesmith.** Best **pure** white Cactus Dahlia.
4. **Princess Yettive.** Delicate rose, shading amber.
5. **Red Admiral.** Rich fiery scarlet, profuse bloomer.
6. **Rev. A. Hall.** Ruby crimson, largest size, with long narrow incurved petals.
7. **Etruria.** A beautiful autumn shade variety. Golden, shading to reddish salmon. Very large long slender petals, on long slender stems. Height, 4 feet.
8. **Rheinkoenig.** A splendid early and profuse blooming white sort which is sure to succeed where all others failed.
9. **Leuchtfeuer.** Bright red, shaded darker.
10. **Ruth Forbes.** Large deep rose pink. A strong grower with long stems.

Any sort here listed, each 25 cts.

POMPON DAHLIAS

This class is a **miniature** form of Show and Fancy Dahlias. The flowers are round, ball-like, but much smaller. The plants are smaller, of branching habit, producing their flowers in endless profusion. They are very valuable for the garden where they form spots of beauty, and for **cutting** bouquets, etc.

1. **Allie Mouray.** Light pink, tipped dark rose.
2. **Catherine.** Clear canary yellow.
3. **Guiding Star.** Pure white serrated petals
4. **Daybreak.** Soft silvery pink.
5. **Raphael.** Dark maroon.
6. **Sunshine.** Richest vermilion scarlet.

Each undivided root of this list, **15 cts.; doz., $1.50.**

CENTURY AND SINGLE DAHLIAS

1. **Blush Century.** Very large, soft blush pink. Height 4½ feet.
2. **White Century.** Snow white of immense size produced in endless profusion on long graceful stems.
3. **Golden Century.** **Richest** golden yellow, shaded amber, showing up gorgeously under artificial light. **Best** of all single yellows as a plant or cut flower. Height 4 feet.
4. **20th Century.** The original beautiful flower. Early in season the flowers are intense rosy crimson, shading to white at tips and base of petals. As the season advances the flowers open lighter until by October they are nearly white with a bright pink blotch in centre.
5. **Rose Pink Century.** Largest and deepest pink, continuous bloomer. Height 5 feet. Flower stems 2½ to 3 feet long.
6. **Cardinal Century.** Very large rich cardinal red flower. Height 5 feet.
7. **Danish Cross.** Single flower, color scarlet with white band running through each petal. Very distinct.
8. **Gaillardia.** Golden yellow with broad band of red around the yellow centre.

Jack Rose

OLD FRIENDS, DECORATIVE DAHLIAS

1. **Blue Oban.** Soft lavender blue, nearest to a **blue** color in Dahlias.
2. **Cuban Giant.** Rich velvety purple shaded maroon.
3. **Catherine Duer.** Bright iridescent crimson scarlet.
4. **Clifford W. Bruton.** Very large clear canary yellow.
5. **Henry Patrick.** Large snow white flowers of great substance.
6. **Jack Rose.** The best crimson for garden and cutting.
7. **Kaiserin Augusta Victoria.** Large snow white, very early and profuse bloomer.
8. **La France.** Rich cerise.
9. **Mrs. Roosevelt.** Very large soft pink.
10. **Mme. Van den Dael.** Very large, silvery rose, shaded deeper rose.
11. **Nymphaea.** One of the most delicately beautiful, white, suffused shrimp pink.
12. **Zulu.** The black Dahlia. Velvety maroon shaded black.

Each of the listed Decorative Dahlias, strong field-grown undivided roots, **15 cts.; doz., $1.50.**

10 SELECT SHOW AND FANCY DAHLIAS

1. **A. D. Livoni.** Clear bright rose pink, quilled petals, the best pink Show Dahlia.
2. **Arabella.** Soft primrose, shaded and tipped rose.
3. **May Lomas.** White, suffused soft lavender, edged blue.
4. **Bird of Passage.** White tipped crimson, very distinct.
5. **Queen of Yellows.** Clear canary yellow.
6. **Red Hussar.** Rich, dazzling cardinal red. **Best** red Show Dahlia.
7. **Ruby Queen.** Ruby red, richly shaded.
8. **Storm King.** The earliest pure white Show Dahlia. Perfect form and enormous bloomer.
9. **Mrs. Dexter.** Rich salmon.
10. **Esmond.** Exquisite shades of sulphur yellow through orange and amber.
1. **Frank Goodman.** Crimson purple, tipped white.
2. **Keystone.** Lilac pink, penciled crimson, very fine.
3. **Mrs. Saunders.** Yellow, tipped white, large and fine.
4. **Olympia.** Large deep pink, penciled and striped crimson.
5. **Penelope.** White flaked rosy lake, beautiful and chaste.
6. **Striped Banner.** Scarlet, with white band through centre of petal.

Each strong undivided field-grown root. **15 cts.; doz., $1.50.**

PAEONY FLOWERING DAHLIAS

These are a new type originated in Europe, where they attracted a perfect furore. This variety grows erect, on tall stems, the flowers are of immense size, fully 6 to 8 inches across and come in the richest colors. When cut they last a very long time.

1. **Big Chief.** Enormous size. Rich crimson, margined maroon. Strong vigorous plant with fernlike foliage.
2. **Germania.** Brilliant strawberry red.
3. **King Leopold.** Creamy yellow, shading to deep primrose.
4. **Queen Emma.** A charming shade of Hollyhock pink, the inner petals banded with gold.
5. **Queen Wilhelmina.** Immense fluffy flowers of pure white with yellow centre.
6. **La Riante.** Bright lilac, very large beautiful flowers. Strong plant.
7. **Sensation.** Vermilion red, tipped snow white. Profuse bloomer.
8. **Souvenir de Franz Liszt.** Very large. Crimson, richly shaded with white markings.
9. **Sunset.** Large. Bright red with bright gold tip to each petal.
10. **Cleopatra.** Rich oriental red, base of petals primrose yellow.

Each sort listed in strong roots, **35 cts.; doz., $3.50.**

CULTIVATION OF DAHLIAS

Dahlias will grow and bloom in any kind of soil. More failures are caused by having the ground too rich than not rich enough. Spade and dig over your soil thoroughly to a depth of a foot or more. If the soil is rich use **no** fertilizer or manure. If the soil is poor incorporate into it some very old and well rotted manure or a slight admixture of pulverized sheep manure or bone meal. **Never** plant your Dahlia roots before the weather is well settled and until frost is no longer to be feared. June first is about the right time. Give at first thorough **cultivation,** but do not water much until the plants come into bud and flower. Do not fail to stir the soil after every rain which keeps the soil from crusting or baking on the surface. This also conserves moisture in the soil which avoids the necessity of watering. **Nothing is more harmful to Dahlias than planting too early or watering too freely.** June planted stock will flower in August and continue in full bloom until killed by frost. Plant the roots 4 to 6 inches deep and 2 to 4 feet apart at least. Further apart will give even better results. Not **less** than 2 feet in beds.

When you water do it thoroughly. Surface sprinkling will not reach nor will it nourish the roots. A **thorough** soaking once or twice a week during a drought with the soil stirred the day after will bring good results.

Where **extra** large fine flowers are wanted the mass of buds must be thinned out. This will produce much larger flowers and keep more vitality in the plant.

If you do not use your flowers while in bloom **cut** the faded bloom off as soon as possible.

After the frosts have killed the upper portions of your Dahlias, dig **carefully** on a clear day and allow the roots to **dry** with as much soil around them as possible and put away in the cellar away from heat and **safe** from frost. Any **dry** place where the temperature does not go below 45 degrees will answer.

By leaving soil around the roots they do not break easily, also will not dry out too much. It is best to cover the roots with dry soil, coal ashes, sawdust, or any material which keeps the air from roots.

GLADIOLI

THE FLOWER OF THE FUTURE

A wonderfully attractive and decorative flower in which the greatest improvements are made every year through new seedlings or cross fertilizing. The size of flowers and the wonderful brilliancy of the bloom attained show this from season to season. We list only those really worthy of being grown which give the very best satisfaction for richness of bloom, variety of coloring and vigorous habit. We eschew all those which do not come up to these standards.

Culture. Gladioli prefer a sunny situation. They require perfect drainage, and this given, do equally well in light or heavy soil. Well rotted, thoroughly decayed manure serves as best fertilizer. To attain the very best results this should be spread in fall on place where Gladioli are to be planted the following season and dug thoroughly the spring after, before planting bulbs. Never plant before all danger of frosts is past. A continuous flowering period can be kept by planting your bulbs two weeks apart till the end of June. Set 3 to 4 inches each way. Depth to plant is according to size of bulbs. The smaller, 3 to 4 inches, the larger 6 inches deep. About end of October to early November (dependent on season), when the foliage has turned yellow, lift bulbs, cut off stems and store in an airy place where temperature keeps around 40 to 50. Always stake the heavy growing sorts with light bamboo stakes.

There are now many hundreds of various types of Gladiolii offered in this country as well as in Europe. From out this bewildering mass we have selected with greatest care the **very best** and most varied in colors, size, and hardiness.

GENERAL LIST OF GLADIOLI

America. One of the **greatest** favorites and most popular Gladioli. Of most vigorous growth with luxuriant foliage. The spikes are 2 to 3 feet long producing a great mass of enormous wide expanded flowers, the color an exquisite shade of delicate flesh pink. One of the most valuable for cutting. Admirable under artificial light.

	Per 1000, $20.00	Each	Doz.	100
Attraction.	Dark rich crimson with large pure white centre or throat	$.10	$ .75	$5.00
Augusta.	The flowers of this beautiful sort open all at one time. Bloom very early. Color pure white with blue anthers	.06	.60	4.00
Baron Hulot.	The finest **blue** Gladioli in existence. Rich deep indigo blue. Grow this sort with the **canary** yellow and study the glorious effect	.10	1.00	6.00
Blanche.	Magnificent **pure** white faintly suffused blush	.25	2.50	20.00
Brenchleyensis.	Vermilion scarlet, very profuse bloomer. Showy and brilliant	.05	.40	2.50
Canary Bird.	Clear canary yellow. Very early. Best yellow	.15	1.50	10.00
Dawnray.	Elegant rose with large pure white centre. Exceedingly beautiful	.15	1.50	10.00
Eugene Scribe.	Very large wide open. Flower a tender rose shade, blazed carmine rose	.08	.85	6.00
Halley.	Delicate salmon pink with roseate tinge, the lower petals showing a creamy white blotch with a stripe of bright red through the centre, the whole producing a delightful effect	.12	1.25	8.00
Irene.	Delicate pink, freely flaked crimson	.10	1.10	8.00
Kunderdi Glory.	Each petal is exquisitely ruffled and fluted. Stalks grow 4 to 5 feet tall, very robust and produce from 8 to 12 massive wide expanded beautiful flowers. Color cream pink with a slender crimson stripe through the centre of each lower petal. A striking beauty	.15	1.50	10.00
Jane Dieulafoy.	Flowers creamy white, lower petals stained maroon. An exceedingly fine sort	.18	2.00	12.00
La Luna.	The large heavy buds open a pale creamy yellow, changing to almost white when fully expanded	.05	5.50	
Little Violet.	Compact spike of a very pleasing tender lavender color	.15	1.50	10.00
Madame Lemoine.	White, tinted lemon, large crimson blotch in centre	.05	.50	3.00
Madame Monneret.	Delicate rose. One of the very best pink or rose Gladioli	.07	.75	5.00
May.	A lovely pure white, flaked rosy crimson. Very profuse bloomer	.06	.60	4.50
Mephistopheles.	Very large flowers. Outside dark salmon red, inside coppery scarlet, the whole tigered bronzy red. The coloring of this Gladioli is eminently original, showy and effective	.15	1.50	10.00
Mrs. F. King.	Light scarlet, a pleasing shade	.06	.60	4.00

Blanche

		Each	Doz.	100
Niagara.	In type this variety resembles our favorite "**America.**" The flowers are still larger measuring 4½ inches across. The color is a delightful cream shade, the two lower inside petals blending to canary yellow. The throat is splashed with carmine and the lower ends of outside petals are flushed carmine. The stamens are purple and the stigmas pale carmine	$.25	$2.50	
Octoroon.	Beautiful salmon pink, very distinct	.15	1.50	$8.00
Panama.	Resembles America of which it is a seedling. The color, however, is a richer, deeper pink. The flowers are larger, the spike taller, and the whole a **Glorified America**	.60	6.00	
Primulinus.	Rare species from South Africa. Grows 3 to 4 feet tall. Very vigorous. The flowers are a clear primrose yellow to orange. Blooms late July. **Grow** them with blue and purple sorts if you want a simply **gorgeous** color effect	.25	2.50	

Group of Gladioli

OUR EXCELSIOR COLLECTION OF PRIZE GLADIOLI

	Each	Doz.
1. Alaska. A **pure white** wonderfully attractive sort. Very strong grower and bloomer	$.50	$5.00
2. Blue Jay. A magnificent **pure** blue	.75	9.00
3. Chicago. White with lavender markings	.40	4.00
4. Florence. Very large flower, bright lilac, large white centre. Exquisite	.40	4.00
5. Geralda. Deep bright rose, with conspicuous white ribs and throat. Beautiful spike, beautiful flower, and superb color	.40	4.00
6. Glowing Coal. Fiery deep scarlet, with a rich velvety maroon throat. Rich and brilliant coloring	.40	4.50
7. Lavender Queen. A marvelous blending of lavender and mauve tints. **Entirely new coloring**	.30	3.50
8. Myrtle. The most tender delicate rose imaginable. As beautiful as the sky, roseate in the morning	.60	6.00
9. Prince of India. Color varies from light to deep smoky gray, many of the petals being zoned and banded with dark slaty blue and mottled with white. Of greatest oddity and beauty. Combine with deep blue violet and yellow or rose	.60	6.00
10. Salmon. A marvelously clear and bright **salmon** pink. Exceedingly charming tint	.50	5.00
11. Sunburst. Very large flowers of bright canary edged with flames of carmine rose	.35	3.50
12. Viola. An exquisite mauve blue gradually shading into deep violet at the edges, throat toned soft canary with purple garnet blotch, zoned yellow in lower petals	.25	2.50

One of each of the **twelve rare novelties, $5.00**

GLOXINIAS

The grandest of all summer-blooming bulbs for decoration of the window, veranda or conservatory in summer. Everyone is spellbound at their regal beauty. They are no trouble at all to grow, and bloom constantly until Autumn, when they should be allowed to die down, and the pots kept dry in some warm place until next spring, when the bulbs can be started into growth again. Our new Gloxinias are great improvements over the older sorts, with large luxuriant leaves that recurve in such a manner as to conceal the pot they grow in, and erect, large-throated, wide-lobed flowers borne above the foliage like a floral crown. These flowers are very large and satin-like and of the most exquisite coloring.

Blanche de Vera. White, rose bordered.
Defiance. Glittering crimson.
Emperor William. Blue, white border.
Etoile de Feu. Carmine red.
King of Reds. Dark scarlet.
Marquis de Peralta. White, red bordered.
Mont Blanc. Pure white.
Princess Albert. Deep purple.
Princess Elizabeth. White, blue bordered.
Princess Mathilde. White, rose bordered.
Queen Wilhelmina. Dark rose.
Spotted and Tigered.

Each bulb on above list, **15 cts.; per doz., $1.50; per 100, $10.00.**
Mixed colors, **each 10 cts.; per doz., $1.25;** delivery included in price.

	Each	Doz.	100
Mrs. F. Pendleton. Flowers are large and well expanded, a lovely flushed salmon pink, with brilliant carmine, or deep red blotches in the throat presenting a vivid contrast of orchid-like beauty. When cut in bud and placed in water it will open every flower to perfection until all are faded	.50	5.00	
Peace. Beautiful large flowers of purest white with pale lilac feathering on lower petals. Nothing finer than this sort.	.40	3.50	
Princeps. Rich crimson with deeper shadings in throat and magnificent large white blotches on lower petals. Flowers are extra large, as fine as an Amaryllis. Blooms for a long time. One of the **very best** sorts	.12	1.00	7.00
Reine Blanche. Very strong grower, one bulb often producing 2 to 3 stems. With exception of a very small violet streak at bottom of throat the flowers are a pure white color turning a fleshy white before fading. It is decidedly **one of the best white Gladioli**	.20	2.00	
Shakespeare. White, slightly suffused with carmine rose, large blotch of pink	.10	1.00	7.00
Wild Rose. Color very beautiful blushrose. Standing alone in the delicate and fairylike beauty of its form of flowers and coloring. A **gem**	.15	1.50	10.00
Wm. Falconer. Spikes of great length and flowers of enormous size. Color a delicate rose	.15	1.50	10.00

THE COLLECTION OF KING GLADIOLI

	Each	Doz.
Fire King. Immense Blooms open at the same time. Color an **intense** flaming scarlet. Perfectly stunning. Will surely become the **leading cut flower** of this tint	$.40	$4.50
Ruby King. Tall graceful spike flower of great substance. intense dark ruby red glowing with peculiar richness	.50	5.50
Salmon King. Glowing salmon pink, very showy. Throat flamed crimson and white	.60	6.00
Snow King. A magnificent pure white sort remaining white in all sorts of weather	.40	4.50
Sulphur King. The most valuable yellow sort ever introduced. Very long spike of the **clearest sulphur** yellow flowers yet found in Gladioli. Has received many certificates of merit in Europe in 1912 and 1913. One bulb each of the five **Kings, $2.00.**	.30	3.00

GLADIOLI TO COLOR

	Each	Doz.	100
Pure white and light shades	$0.50	$3.50	$25.00
Rose and pink shades	.40	2.50	22.50
Red and scarlet shades	.35	2.00	18.00
Yellow and orange shades	.75	5.00	45.00
Striped and variegated	.50	3.00	25.00
Scarlet with white throat	.60	3.75	
Blue and violet and mauve tints	1.00	6.00	
Hardy Lemoines	.30	2.25	18.00
Groff's Golden Medal	.40	4.00	35.00
Berger's Superb mixture of all tints	.30	2.00	15.50
Good mixture to plant in masses	.25	1.65	12.50

Gloxinia

EREMURUS

A majestic plant. A rare ornament for garden and lawn. The flowers are closely set around a stem 7 to 8 feet in height, delightfully fragrant, and form a veritable giant fountain of bloom during June and July. Plant the tubers, 8 to 9 inches deep in a sunny, if possible somewhat sheltered, position. While the plant is hardy it is good to protect in winter, especially in very northern latitudes, with straw, hay, or leaves, 5 to 6 inches deep. We offer extra strong tubers which will flower first season.

Dielytra Spectabilis

The Great Ismene

	Each	Doz.
Robustus. Beautiful rose pink flowers	$0.75	$7.50
Himalaicus. White, faintly, flushed rose, exquisite	.75	7.50
Elwesianus. Soft pink with bands of a deeper color down the middle of segments	.75	7.50
Bungei. Beautiful golden yellow. One of the rarest and finest Eremurus	1.25	12.00

THE GREAT ISMENE

Measure shows diameter of flowers, 7 inches.

Those who are familiar with the true Giant Ismene cannot say enough in praise of its beauty and purity. The flowers are of a very large size, like an Amaryllis, novel form of snowy whiteness, and exceedingly fragrant. It is really one of the most lovely of all the great Amaryllis tribe, having a peculiar grandeur which one can appreciate at sight, but cannot describe. Bulbs are large and strong and begin to flower in two or three weeks after planting, sending up tall flower stems, which bear several of its magnificent blossoms. As a garden bulb treated like a Gladiolus it is one of the choicest of all flowers. Do not fail to try it. It will more than please you, for it is superior to the Bermuda Easter Lily as a flowering bulb. **Each 20 cts.; 3 for 50 cts.; 7 for $1.00.** Delivery included.

DIELYTRA SPECTABILIS

(BLEEDING HEART)

An old-fashioned and well known flower, but ever beautiful in the eyes of the garden friend. The rosy red drooping branches of flowers and the beautifully fern-like foliage are amongst our best beloved spring blossoms. If planted early in season in pots and grown quite cool these flowers can be had in bloom for Easter. Strong roots with large eyes. Price includes delivery. **Each, 25 cts.; doz., $2.50.**

HYACINTHUS CANDICANS

A species of Hyacinth which blossoms during August and September, growing 3 to 5 feet high, with spikes of pure white flowers 2 feet in length. The bulbs are large, round and solid, and throw up large flower stems which are gigantic spikes of thimble-shaped white blossoms. Planted in the spring they bloom in August, September, and October, strong bulbs producing two, three, and even four flower stems. A bed of a dozen or more bulbs produces a grand effect. A few planted in the centre of a bed of Verbenas, Petunias or other flowers make a beautiful display. They contrast elegantly with Gladiolus. Planted anywhere, singly or in clumps, they are magnificent. For a cemetery nothing can be more beautiful or appropriate and nothing thrives better in any situation. Strong bulbs, sure to bloom. **Each 10 cts.; 3 for 25 cts.; 12 for 75 cts.**

IRIS SECTION

THE FLOWER OF THE GODS

Thousands of years ago this flower has been praised in poetry and song, its beauties extolled and to this our modern days it is recognized as one of the loveliest **gems** in the garden. It has been called the **"Poor Man's Orchid"** on account of its glowing and varied colorings which rival the Orchids in fascinating tints. Moreover to grow Iris is possible to **every one.** Their low cost, easy cultivation, and a variety of species which some of them adapting themselves to wet localities others to dry and sunny places afford a great choice. The **Iris** worshippers are many and once interested in this particularly beautiful flower, the enthusiast never loses his zeal and pleasure in trying new sorts or hybridizing, growing from seed to obtain new color combinations, new sorts of blossoms. The first to bloom in spring are the following:

Iris Pumila. A lovely and dainty species especially fine grown in clumps or along the border. They attain only a height of 5 to 8 inches, the varicolored blossoms almost smothering the bright green foliage.

Pumila Coerulea. Clear blue flowers.

Pumila alba. Pure white flowers.

Pumila Formosa. Dark violet. May to June.

Pumila Florida. Lemon yellow with dark golden shadings. A brilliant effect grown with the white and blue. **Each 20 cts.; doz., $1.50.**

Iris Pseudoacorus (Yellow Flag). Very strong growing sort, 2 to 3 feet high with clusters of golden yellow flowers. While it will grow well in any ordinary garden soil it likes a good deal of moisture and will grow especially fine along brooks or water courses where it soon forms large clumps. It is not easily crowded out by grass or other flags. Very showy and effective. May to June. Each, strong rhyzomes, **20 cts.; doz., $2.00.**

Iris Cristata (Crested or bearded Iris). Height 6 inches. Very handsome aureblue flowers with thick green foliage. One of the best dwarf sorts. Entirely hardy, it soon forms good sized clumps, and can be divided the third season. Give it plenty of room to spread. Flowers in May.

Iris Sibirica. One of the grandest Iris. Perfectly hardy, it flowers May to June. Height 2 to 3 feet.
Iris Sibirica. Blue. Light blue flowers.

Snow Queen. A magnificent pure white sort.

Orientalis. A deep violet blue.

Iris Ochrocleuca Gigantea. Height 3 feet. Flowers in May. Large pale sulphur yellow flowers. Fine foliage. Very distinct and ornamental. **Each 20 cts.; doz., $2.25.**

Iris versicolor. Loves moist places. Will grow well in garden soil. Height 2 feet. Flowers bright blue. **Hardy.**

Each Iris on this list where not specially noted, 15 cts.; doz., $1.75.

IRIS GERMANICA—GERMAN IRIS

These are all deliciously fragrant, more or less mottled in the standards and striped and veined in the falls. In beauty they rival the finest **orchids,** in colors they range from clear white through yellow, rose, blue, purple, mauve, to maroon.

They are one of the **most** popular forms of the divine flower, **Iris,** within the range of every purse, and like **Topsy "They just grow"** anywhere and everywhere. They only ask for a sunny spot well drained, as they do not like to have their little feet in water. The soil needs only to be fairly rich. Plant shallow, barely covering the rhyzomes with the soil. Too deep planting is injurious to all Iris.

LIST OF BEST SORTS OF GERMAN IRIS

Admiral Togo. White, faintly tinted lavender, falls and standards lightly bordered purple. Height 2 feet and more.

Atropurpurea Grandiflora. Large dark purple uprights, falls deep striped white at base.

Brooklyn. Standards lavender yellow at base, falls pale blue, base veined brown on white ground, edged yellow, splashed with dark blue, very beautiful.

Candiamus. Light lavender standards, falls reddish purple. Very distinct.

Canary Bird. Canary yellow standards, falls crimson purple. Very showy.

Cordelia. Rosy lilac standards, falls dark velvety crimson, edged rose. A **gem.**

Darius. Lemon yellow standards with falls of a lighter shade.

Don Carlos. Standards yellow, falls rich crimson penciled on lower half with yellow, centre suffused bright blue. Height 15 inches.

Flavescens. One of the very best, showiest and most conspicuous. When planted in a group the effect is striking. The color is a soft sulphur yellow. Plant together with pure white and dark purple and note the artistic color effect.

Florentina (Orris Root). From these roots is gained the basis of all perfume powders, the **orris powder.** This is an excellent variety for cutting and one of the **earliest** flowering sort.
F. Alba. White, faintly tinged lavender. **Large** flowers.
F. Blue. Tall and vigorous. Clear dark blue.

Honorable. Intense yellow standards, falls a clear beautiful bronze.

L'Africaine. Rosy purple standards, falls darker rose, veined white at base. A beauty. Height 15 inches.

Lizzie. Pure yellow standards, falls dark bronzy crimson.

Madame Chereau. A very fine sort. White standards and falls elegantly frilled aureblue margins. Height 2 feet and more.

Mrs. H. Darwin. One of the finest silvery white sorts.

Neglecta. One of the tallest and earliest of German Iris. Immense clear blue flowers. Striking and handsome.

Mrs. Neubronner. A magnificent deep golden yellow sort.

Parkmanni. Pure lemon yellow standards, falls white, veined blue.

Pearl. One of the very best clear **lavender** sorts.

Queen of the Gypsies. A very striking and handsome sort. Standards a dusky light bronze, falls velvety purplish red.

Queen Victoria. Bright yellow standards, sometimes tinted brown. Falls crimson striped yellow with yellow edge.

Rebecca. Golden yellow standards, falls yellow striped and splashed with golden brown. Very showy.

Souvenir. Brilliant yellow standards, falls a network of yellow, buff, and purple.

Viola. A very fine clear violet purple.

Each 15 cts., doz., $1.75.

PALLIDA SECTION OF GERMAN IRIS

These are specially **strong** and tall growing and wherever grown form a beautiful bit of landscape.

Albert Victor. Soft blue standards, falls a clear beautiful lavender.

Celeste. A transparent pale blue. A most enchanting species.

Mandraliscoe. A deep rich lavender violet. Very early and one of the handsomest.

Pallida Dalmatica. The very finest of the species. Of strong vigorous habit the plants attain in good soil a height of 4 feet, with immense deliciously fragrant flowers. Standards are clear lavender, falls lavender shaded a deeper tint. Exquisite in every way. In single specimens or groups.

Queen of May. The only German Iris which is nearly rosy pink. Standards and falls are a soft rose lilac. A very charming tint.

All German Iris bloom from end of May through June.
Any one of this list **15 cts.; doz., $1.75.**

Mixed German Iris. Each 12 cts.; doz., $1.50.

We furnish **strong** fine rhyzomes which will flower first season, **not** divided **rootlets** which will not flower for two seasons.

Iris Pallida Dalmatica foliis variegatis

Pallida Dalmatica foliis variegatis. Beautifully cream, green and yellow variegated foliage. Large azure blue flowers. (Rare). **Each 35 cts.; 3 for $1.00; doz., $3.50.**

IRIS KAEMPFERI

The firm of H. H. Berger & Co. was the first to import these magestic flowers into the United States, in 1877, when Mr. H. H. Berger brought the first clumps to San Francisco, Cal. Since then, by slow degrees, these gorgeous plants have found their way into the gardens of flower lovers and, once seen, the desire to grow them is sure to induce the purchase of them.

Quite a few inferior varieties have been allowed to come up amongst the original stock. We strive to offer the best and newest as every season more or less new hybrids are found amongst the stock and in the Iris fields. Others are raised from seed and the variety of colors is bewildering. Some of the hybrids revert after some time to the original tints and we have therefore, done our utmost to offer only fixed types.

Japan Iris

LIST OF 20 BEST AND CHOICEST IRIS KAEMPFERI

1. Zama-No-Mori. White, slightly shaded with foggy blue, yellow blotches radiating into delicate feathers. Standards large, tipped light blue. Three enormous petals.

2. Yeddo-Niman. Royal blue, very large petals, standards purple, petaloid stigmas dark violet; 3 petals.

3. Wase-Banri. White, shaded with purple, yellow blotches radiating into purple veins, petaloid stigmas vinous purple; early bloomer; 3 petals.

4. Shokko-Nishiki. Lilac on white ground, flaked and speckled, yellow blotches radiating into purple veins, inner small petals purple; 3 petals.

5. Tora Odori. Gray, overlaid with lavender blue, yellow blotches, petaloid stigmas violet and white; 6 petals.

KINDLY NOTE

Anyone being interested in Iris Kæmpferi and wishing to see pictures of the twenty sorts we offer, painted in natural colors, true to nature, oblige by remitting us $5.00 as a deposit for the return of pictures in good condition. In case of an order being given no charge is made whatever, but if no order is given we return the amount, $5.00, received, less charges for sending the pictures. Time given for inspection is ten days. As these sets of pictures are always in great demand, we cannot allow a longer period of time. Return must be made by registered mail or express prepaid. Each picture is painted *singly on rice paper*, giving every line and contour.

6. Koki-no-iro. Red purple, suffused with intense blue, orange blotches, petaloid stigmas white, tipped purple; 6 petals. Superb.

7. Sano-Watashi. Pure satiny white, yellow blotches, petaloid stigmas creamy white; enormous flower; 6 petals.

8. Choseiden. Ruby crimson, white halo surrounds yellow blotches radiating into broad line, petaloid stigmas light violet; 6 petals.

9. Aoigata. Light purple violet, dark purple halo surrounds the primrose blotches radiating into purple lines, petaloid stigmas dark purple; 3 petals.

10. Nishiki-no-shitone. Claret purple, speckled with lilac, the yellow blotches surrounded with blue halo radiating into lilac lines, standards vinous purple, petaloid stigmas violet; 3 petals.

11. Bandai-no-nami. Pure white with large radiating yellow blotches, standards cream white; 6 petals. A superb white.

12. Kasugano. Smiling God. Delicate red lilac with lilac halo surrounding the yellow blotches radiating into feathers and pencillings, petaloid stigmas violet stained gray; 9 petaled, a marvelously beautiful Iris.

13. Oku Banri. Gray feathered and pencilled rich violet, yellow blotches; standards dark purple, stigmas dark violet bordered gray; 3 petals.

14. Hatsushimo. Flower in the wine cup. Pure white, yellow blotches, standards pure white, petaloid stigmas cream; 3 petals. Earliest white.

15. Gosetsu-no-mai. Purple overlaid with cœrulean blue, yellow blotches radiating into white veins, stigmas white bordered blue; 6 petals. A gem.

16. Kuma-funjin. Purple overlaid with navy blue, 2 standard petaloid stigmas purple and blue, very large yellow blotches; 6 petals.

17. Datedogu. Rich claret red, with orange blotches, surrounded with a blue halo radiating out into elegant lines, standards light claret and white, petaloid stigmas white tipped and bordered pale red. Very large flower, magnificent sort.

18. Sofu-no-koi. White splashed speckled and mottled sky blue, primrose blotches radiating into the petals, petaloid stigmas creamy white tipped and margined violet; 6 petals.

19. Kuo-kumo. Deepest royal purple overlaid with dark blue, petaloid stigmas dark blue bordered gray; 6 petals. Beautiful contrast if planted with light sorts.

20. Izumi-Gawa. Gray, yellow blotches radiate dark blue veins, petaloid stigmas dark blue bordered gray; 6 petals.

The twenty sorts listed will be found the best of all Iris, selected with great care out of a known set of near one hundred varieties.

Price, each, strong clump, **20 cts.; doz., $2.25.** The set of 20, **$3.50.** Delivery not included.

If delivered, **each 25 cts; doz. $2.50.** The set of 20, **$4.00.**

Immense clumps with 5 to 6 strong eyes, sure to flower first season. **Each 35 cts.; doz., $3.50.** Set of 20, **$6.50,** delivered.

LILIES

"PLANT WHITE AND GOLDEN LILIES FOR BEAUTY.
"YELLOW, SCARLET, AND ORANGE FOR SHOW"

From the **land** of the **rising sun** come to us the greatest treasures in **lilies.** Amongst them all the "**auratum**" holds its own. Children too young to have studied Geography, people so old that they have about forgotten its importance, recognize to-day this lily as one of their dearest possessions, awaiting its return to bloom each season with impatience. This Lily makes a direct appeal to the affection. It stands so erect and so tall, while its fragrance catches the senses and the astounding size of its bloom, sometimes a foot in diameter, with the extraordinary beauty of the golden band through each petal give to it so alluring a personality that even the most unobservant of human beings is captivated. We give here an extract of a letter received amongst many others.

One letter out of many hundreds received from pleased customers.

Peoria, Ill. October 24, 1914.

The Auratum received from you was the **largest and finest** ever grown in our City. One stalk had blooming at one time, seven blooms each measuring from 10 to 11 inches across. It was a wonder.

B. Cowell.

AURATUM TYPES

All bulbs will flower the first year. **Small bulbs** under the size of a good sized apple will not flower until a second or third season.

	Each	Doz.	100
Large Bulbs	$0.20	$2.00	$15.00
Mammoth Bulbs, many flowers	.30	3.00	20.00
Jumbo Bulbs(scarce) measure 5 to 6 inches across	.50	5.00	

RARE SORTS OF AURATUM TYPES

Platyphyllum or **Macranthum,** leaves are long and broad. Height 6 to 7 feet. Flowers clear white with golden yellow band through each petal. A **royal** bloom. Very hardy.

Large-Bulbs	$0.30	$3.00	$22.00
Monster Bulbs, many flowers	.40	4.00	30.00

A. Wittei. A beautiful flower. Petals pure white with a wide yellow stripe through each petal, and white raised dots — .60 — 6.00

L. Virginale Alba. Enormous flower with golden band through centre, and raised creamy spots. Resembles A. Wittei, but has a much larger flower — .50 — 5.00

	Each	Doz.
A. Pictum. The petals of this sort are very large, overlapping each other. The ground is white, dotted richly with bright crimson spots; a band of red with golden halo through centre of each petal. One of the very finest auratum sorts. Never fails	$0.50	$5.00
Auratum Rubrum Vittatum. This is the gem of all Auratum sorts. Imagine an immense flower with heavy large petals of clear white, through the centre of which passes a blood red band and with the petals spotted, flushed, and dotted with brilliant crimson or blood-red. This lily is difficult to describe. It is so superb.		
Good flowering bulbs	.50	5.00
Extra sized bulbs (rare to secure)	.65	7.00

SPECIOSUM TYPES FROM JAPAN

All bulbs belonging to type have in common a very sturdy and vigorous growth, tall stiff stems from 3 to 5 feet high, very handsome deep green foliage and reflexed petals. They grow with greatest ease, hardly ever fail to bloom profusely and multiply from bulblets which are borne in the axils of the leaves. They can remain wherever planted for a number of years.

	Each	Doz.	100
Speciosum Album. This is the pure white form of Speciosums. The center of petals has a soft fringe which enhances its beauty. It is without doubt the finest pure white garden lily. Fine flowering bulbs	$0.20	$2.00	$15.00
Extra large bulbs	.25	2.75	18.00
Monster bulbs	.40	4.00	
Speciosum Rubrum. The type with reflexed petals. On a white ground are a number of brilliant crimson spots, stripes and dots. Most beautiful form. Fine flowering bulbs	.15	1.50	12.00
Extra size	.20	2.25	18.00
Monsters	.30	3.25	22.00
Jumbo bulbs (scarce)	.50	5.00	
Speciosum Magnificum. Resembles Rubrum but the spots and lines are much deeper and the whole flower is flushed a deep carmine red	.15	1.50	12.00
Extra size	.20	2.25	18.00
Monsters	.30	3.25	22.00
Jumbo bulbs (scarce)	.50	5.00	

LILIUM HENRYI, THE YELLOW SPECIOSUM

A most beautiful variety found within the last ten years in northern China. Nothing compares with this lily in hardiness, profusion of bloom, and glorious beauty. In masses it is simply stunning. The tall stems rise 4 to 6 feet bearing an incredible mass of flowers, remaining in bloom for a long time. The color is a rich apricot yellow, lightly spotted with brown. It succeeds really anywhere, it is so hardy.

	Each	Doz.
Fine flowering bulbs	$ .35	$4.00
Very large monster bulbs	.50	5.00

Lil. Hansoni

Lil. Krameri and Rubellum Type

LIL. KRAMERI AND RUBELLUM

Gems of Lilies which can only be imported safely in spring

	Each	Doz.	100
Krameri. The type. Short trumpet, rosy hued, beautiful. Strong bulbs (which however never attain a large size)	.20	3.00	18.00
Rubellum. So to speak, a glorified Krameri. Blush to deep rose, a magnificently enchanting lily	.30	3.00	18.00

VARIOUS HARDY GARDEN LILIES FROM JAPAN AND EUROPE

	Each	Doz.	100
L. Batemannii, 3 to 4 feet high. A very hardy and robust lily succeeding anywhere. Color a glowing apricot; upright chalix, dark anthers. Very showy	$0.20	$2.00	$17.00
L. Brownii, 3 to 4 feet high. One of the finest lilies known. Immense trumpet-shaped flowers; inside pure white with chocolate colored anthers, outside of petals flushed reddish or purplish brown. Large bulbs	.50	5.00	
L. Colchicum (Sovitzianum), 3 to 4 feet high. A magnificent lily. Color a citron yellow (so rare in l lies), spotted with dark dots, almost black; brown anthers. One of the earliest varieties to bloom	.30	3.00	18.00
L. Croceum (Bulbiferum). 4 to 5 feet high. Broad, funnel shaped flowers. A beautiful golden color, slightly flushed scarlet. Blooms in July	.15	1.50	10.00
L. Excelsum (Isabellinum or Testaceum). 4 to 6 feet high. A most beautiful and stately lily. Produces in June to July numerous delicate buff colored lilies. Wherever seen it attracts admiration. Fine flowering bulbs	.35	4.00	
Extra large bulbs bearing masses of flowers	.50	5.00	
L. Elegans. All Elegans sorts have upright standing flowers with wide open petals. Grow anywhere on well drained soil and in a sunny spot. Multiply rapidly and are one of the most satisfactory cheap lilies to grow. Splendidly adapted for masses, where they form a picture of glowing tints.			
L. Elegans Red Flame, 2½ to 3 feet high. Color a dazzling bright red	.15	1.50	10.00
L. Elegans Atropurpureum. One of the finest of the type. Color a rich velvety crimson shaded darker red, almost maroon	.20	2.00	15.00
L. Elegans Incomparabile. Red with gorgeous golden shadings. Very bright color	.15	1 50	12.00
L. Elegans citrinum. A delicate citron yellow. Most attractive	.25	2.75	18.00
L. Hansoni. A queen amongst lilies; 4 to 5 feet high. Flowers very early end of May to June. Waxy petals resembling a beautiful orchid. Color lemon yellow with rich purplish or orange spots. One of the eas est to cultivate and very sturdy and hardy	.50	5.00	
L. Marhan, 6 to 7 feet high. A lovely hybrid between Martagon album and Yansoni. Habit and shape of L. Martagon and the thick waxy petals of Hansoni. Unique color, a clear buff shaded orange with brownish red spots and streaks. Very vigorous and free blooming	1.00	10.00	
L. Martagon. 2 to 3 feet high. Purplish red, dark spots. Prolific bloomer; very odd and beautiful; blooms midsummer	.20	1.75	12.00
L. Martagon White, 3 to 4 feet high. A rare species of this type. Unique and exquisite. Pure white form of Martagon. As many as 20 flowers of waxy whiteness to the stem. A gem amongst lilies	1.00	10.00	
L. Myriophyllum. A recent introduction from China; 2 to 3 feet high. The flowers are short trumpets, white suffused pink, and a canary colored shading in centre extending part way up the trumpet. Blooms early. Very fragrant. Large bulbs, 3 for $4.25	1.50		
L. Sargentiæ. Also a recent introduction from China; as yet rare; 4 to 5 feet high. Trumpet shaped, greenish white, shaded purple on outside; white with citron centre on inside. Blooms in August, 3 for $4.25	1.50		
L. Tigrinum, 3 to 5 feet high. The old well-known Tiger lily. Large pyramids of flowers, orange red with black spots	.12	1.10	8.50
L. Tigrinum flore pleno. The double flowering Tiger Lily, 4 to 6 feet high. Bears a large number of double orange red flowers with dark spots	.15	1.50	10.00
L. Tenuifolium. The Coral Lily of Siberia. A charming lily. 20 to 24 inches high. Has beautiful finely cut foliage and masses of nodding bright coral red flowers with reflexed petals. A group of them planted in the shrubbery or on the lawn forms a veritable mass of living flame. Dazzling in effect	.12	1.10	10.00
Extra strong bulbs	.15	1.50	12.00

LILIES NATIVE OF THIS CONTINENT

The United States of America boasts of many and varied magnificent lilies, a list of which is herewith given. All are ready in October. They are all hardy, of particularly strong growth, succeeding with little care; need no coddling.

	Each	Doz	100
L. Canadense. The dainty native Canadian lily. Bright yellow, copiously spotted red. Blooms in June to July. Strong bulbs	$0.12	$1.15	$10.00
L. Canadense Rubrum. Same type but a bright crimson with dark spots	.12	1.15	10.00
L. Canadense Flavum. The pure yellow type.	.12	1.15	10.00
L. Parryii. One of the world's finest lilies, 3 to 5 feet. Flowers trumpet shaped. Clear citron yellow, the rarest shade in lilies. Strong bulbs bear from 20 to 30 flowers on tall leafy stems. Deliciously fragrant. We offer extra strong bulbs which give satisfaction.	.50	5.00	
L. Pardalinum (Leopard Lily). A magnificent garden lily, 3 to 6 feet. Grows best in slightly gravelly soil, partial shade and a fair amount of moisture. Flowers are borne in abundance on stout leafy stems. Flowers, rich orange with red centre and crimson tips. They increase rapidly and give greatest satisfaction for hardiness and showy bloom	.20	2.00	15.00
L. Humboldtii, 5 to 7 feet high. A magnificent lily with a wealth of large orange colored flowers with bright purple spots, reflexed petals borne on very stout stems and lasting a long time. A group of these superb lilies is a grand sight. They grow with greatest ease and flower with marvelous profusion; 30 to 40 flowers having been found on one stem. Are as hardy as rocks, and can remain undisturbed for years. In every way one of the most desirable garden lilies. Extra strong bulbs	.30	3.00	25.00
L. Philadelphicum, 2 to 3 feet high. A very dainty, pretty species. Orange red, freely spotted deep purple. Very floriferous	.12	1.15	10.00
L. Superbum (Turk's Cap Lily). Unsurpassed for effective planting, 5 to 6 feet high. Erect stout stem with clusters of orange red flowers, heavily spotted a light brown. A truly regal lily when in bloom and a sheet of flame when seen in the shrubbery or border. Extra strong bulbs	.15	1.50	10.00
Monster bulbs	.20	2.00	15.00

Gloriosa Lily

LILIUM GLORIOSA

This is the only climbing **Lily** in existence. The tubers of this rare Lily must be planted after all danger of frost is over as this **Lily** will not stand the slightest frost. The vines will begin to grow and need support as soon as they are a foot high. The beautiful flowers resembling the most gorgeous tropical birds appear in the axils of the leaves swaying on slender stems like birds poised for flight. The upper part of the flower is a dazzling brilliant scarlet, the lower ends being a striking **golden** yellow. (The picture represents form of flower.)

When raised as a **Pot plant** the vines can be wound around a trellis which when in flower is a wonderful sight of glowing color. The tubers must be taken up as soon as warm weather is over; can be kept in pots. The foliage will die off as soon as flowers are through blooming and the tubers can be taken in the house, stored in any dry material over winter, or potted up when they begin to grow again after a couple of months' rest during which time they must not be watered.

Extra strong tubers, will flower **first** season, each, **50 cts.; doz., $5.00.**

MILLA BIFLORA

	Each	Doz.	100
12 to 15 inches high. Pure waxy white flowers star-shaped, usually blooming in pairs on slender graceful stems. It is beautiful, especially for cutting, lasting a long time in water. A very lovely flower and fine for growing in house	$0.05	$ .50	$ 3.50

Lilium Tenuifolium

MONTBRETIAS

These are amongst our finest and showiest summer flowering treasures. Bearing from 18 to 30 showy star-shaped flowers varying in every conceivable **flame-color** through yellow, orange, crimson, and vivid scarlet, their beautiful blossoms create spots of glowing flame and light in the garden. Height 2 to 3 feet. Plant in spring and protect during winter with litter or leaves. Blooming time August and September.

The Montbretias are one of the finest of our summer flowering bulbs. They produce many branching spikes covered with a profusion of flowers lasting many weeks in full beauty. They are grand for cutting and decorating.

Crocosmiflorae. Deep clear orange.
Etoile de Feu (Star of Fire). Bright vermilion golden centre.
Rayon d'Or (Golden Gleam). Yellow and brown.
Potsii. Bright vermilion.

Any on this list, **per doz., 15 cts.; per 100, $1.00; per 1,000, $7.50,** delivered.

SOME EXTRA FINE NEW MONTBRETIAS

	Each	Doz.	100
Giant Flowering Germania, 3 to 4 feet high, with many branches, free flowering spikes, bearing masses of very large brilliant scarlet flowers	$0.05	$0.40	$2.75
Giant Montbretia Geo. Davidson. Orange and red, with reflexed petals, very showy	.05	.40	2.75
Giant Montbretia Vesuvius. Immense blood red flowers	.03	.20	1.00
Prometheus. The largest flowering Montbretias known. The stems grow 3 to 4 feet high, with numerous branches; the flowers are 3 to 4 inches across and are borne in greatest profusion, giving the plant the appearance of a burning bush. The color is a rich orange with a brilliant crimson spot at base of each petal	.50	5.00	

One each of the four Novelties Montbretias, $1.00.

OXALIS SUMMER FLOWERING

Very beautiful in groups for edging in hanging baskets, and window boxes. They produce a mass of bright green foliage almost hidden by the brilliant hued blossoms, which are saucer shaped. Height 5 to 8 inches. Plant in ordinary good garden soil in sunny spot. Bloom all through summer.

Dieppi. Pure white, very fine.
Lasandria. Rose pink, very finely cut foliage.

	12	100	1000
Shamrock. Cloverlike foliage (the **true Irish** sort), blossoms rosy pink.			
Any of the above listed	.10	.60	4.00
Mixed sorts	.08	.50	5.00

Japan Tree Pæonias

JAPAN TREE PAEONIAS

This variety of Pæonia is so perfectly beautiful and so ornamental that were it better known, everybody would want it in their gardens. It grows, contrary to the Herbaceous sort, which dies down to the ground every season, into a shrub from 6 to 8 feet in height, crowned every season with the magnificent blooms.

In Japan the exhibition of Tree Pæonias is a yearly event and festival to which thousands of persons come from far and near. The specimens are exhibited in pots, and the wealth of bloom is truly marvelous.

These Pæonias are grafted on the stock of Pæonia mutabilis. The varieties we offer are chosen from a bewildering mass of sorts, but we have carefully picked out the greatest variety of color and the finest forms of flowers. The Tree Pæonia must be planted into rich soil, being a greedy feeder, much like the Chrysanthemums.

LIST OF CHOICEST TREE PAEONIES

1. **Yoyo No-Homare.** Fiery rich scarlet petals, with tasseled primrose anthers. Diameter, 10 inches.
2. **Yaso-Okina.** White, tinted creamy yellow. Diameter, 12 inches.
3. **Iro-No-Seki.** Delicate blush. Immense flower. Diameter, 13 inches.
4. **Muhensai.** Rich rosy pink, petals shaded delicate pink, tasseled golden anthers. Diameter, 10 inches.
5. **Shi-un-Ryu.** Velvety rich violet. Magnificent, when planted as contrast to light sorts. The rarest tint imaginable. Diameter, 12 inches.
6. **Mikasayama.** Rich salmon rose, with tasseled yellow anthers. Diameter, 11 inches.
7. **Kokirin.** A dazzling scarlet. Very showy. Diameter, 12 inches.
8. **Adzumagakami.** Splendid glowing carmine. Diameter, 12 inches.
9. **Tokiwadzu.** Rosy lilac petals of immense size, with tasseled golden anthers. Enormous size of 15 inches.
10. **Akashigata.** Rosy red petals, fringed and undulated, with yellow tasseled anthers. Diameter, 14 inches. A gem.
11. **Seirin.** Satiny white. One of the best. Diameter, 12 inches.
12. **Shokikagura.** Satiny rose blush, rose margin. Very double and compact. Very beautiful. Diameter, 12 inches.

Each of these 12 Tree Pæonias, **$1.00.** The dozen, **$10.50**, including delivery

THE TYCOON

Novelty. The most gorgeous grand flower ever produced in Japan with enormous rosy lilac petals, ragged and undulated; 16 to 17 inches in diameter. Each, **$2.00.** Rare.

Order early to secure this beauty.

PAEONIAS

Amongst the many popular herbaceous plants it would be hard to find one that fits into any position in the garden or grounds like the Pæonia. The gorgeous display of flowers in their season (**May** and **June**) is most effective, while the dark green foliage is at all times attractive. What better frontage for shrubs or, in fact, for any small or large plantation than Pæonias? They are eminently suited for massing in beds by themselves, or used as borders, or as single specimens in the lawn. They are lovely anywhere. Give the place where the Pæonias are to be planted a **thorough** spading, yes, trench the ground, working in a liberal supply of thoroughly decomposed manure, and again top dress in fall as Pæonias are gross feeders, and will only produce very large and brilliantly colored flowers under **Good** feeding. Do not expect **too much** the first season. They are a little slow in their growth, but after a season or two if they are well cared for, you will enjoy an ever increasing abundance of beautiful bloom. Pæonias can be divided every third or fourth season using the offsets for new plants. Height is from 2 feet to 2½. Herbaceous Pæonias die down every year in fall sprouting again in spring.

Special Note. We furnish only **strong** roots or clumps with from 3 to 6 eyes, which will mostly flower first season, not single divisions which take two to three years to flower.

FRENCH HERBACEOUS PAEONIAS

	Each	Doz.
1. **Albatre.** White, shaded ivory, a few carmine lines at the centre. Immense flowers. A gem	$1.00	$10.00
2. **Couronne d'Or.** Immense flowers, rather flat, rose type, very full imbricated, snowy white with yellowish reflex, light carmine edges on a few centre petals. Grand new sort. Unexcelled for cutting. Blooms late midseason. Comes in when all other whites are done	.50	5.00
3. **Duchesse de Nemours.** Very fine. Cupshaped bloom, sulphur white with greenish reflex. Very sturdy and vigorous bloomer	.50	5.00
4. **Festiva Maxima.** Very large, full rose type. Petals very broad, color white with an occasional carmine spot. Very tall, strong stiff stems. Considered the best of all whites. Blooms early	.40	4.00
5. **Fragrans Andre Laurier.** Brilliant rose, very double and free late bloomer	.35	3.50
6. **Delicatissima.** Very large, very double, fragrant flower. Pale rosy lilac. Very strong and vigorous. One of the best	.50	5.00
7. **Gloire de Douai.** A magnificent purplish scarlet crimson with black reflex. A striking contrast to lighter shades	.50	5.00
8. **Lady Leonora Bramwell.** Beautiful. Early. Rose	.45	4.50
9. **La Tulipe.** Very large globular flower, a delicate flesh pink, a few of the centre petals tipped crimson. Very fragrant, tall, strong stems. Vigorous grower. An extra fine sort	.50	5.00
10. **Madame Duce.** Large, globular, extra full bloom of perfect shape. A glorious salmon pink with silvery sheen. Be sure to grow this	.60	6.00
11. **Madame Lebon.** Very large flowers in clusters, very full broad petals of a brilliant cherry pink, intermixed with narrow salmon petals. A very effective and showy flower	.50	5.00
12. **Triomphe du Nord.** Very even violaceous pink. Enormous flower. Grand Pæonia. Late	.40	4.00

One each of the 12 sorts listed, 12 strong flowering clumps, **$5.00.** Where free delivery is desired add **10 cts** to price of each clump.

SIX CHOICEST SINGLE OR LOTUS FLOWERING SORTS

JAPANESE HERBACEOUS PÆONIAS

1. **Fujiso megino.** A magnificent rose tint like a pink lotus flower. Centre filled with golden stamens.
2. **Takaradama.** Immense semi-double flower, centre and outer petal a satiny white. Very free bloomer.
3. **Tatsu-Gashira.** Large pink flower, striped with pink, and red centre filled with golden stamens.
4. **Sumi-no-ichi.** A truly magnificent flower. Velvety shade of royal purplish red with a corolla of yellow stamens. A gem.
5. **Reikaizan.** The softest flesh pink filled with yellow stamens in centre. A great beauty.
6. **Kocho-no-mai.** One of the showiest and best. An intense carmine red, the centre full of golden yellow stamens. **Each, 50 cts.; doz., $5.50.**

One each of the 6 single Japan beauties, **$2.75.**

BEST SIX DOUBLE JAPAN HERBACEOUS PAEONIAS

1. **Kasane-jishi.** Large globular bloom, centre petals tipped pale salmon, outer petals paler rose. Very striking.
2. **Fuji-no-Mine.** Large flower well opened, outer petals pure white; centre petals curled creamy white. Fine.
3. **Yamatosangai.** Very full, tall flower, softest flesh color, interspersed by creamy white; narrow petals beautifully arranged in three layers.
4. **Yayoura.** Very large double flower, white fringed petals, carmine streaks at the tips. Beautiful.
5. **Someganoko.** Brilliant carmine crimson flower, centre petals salmon, edged with gold. A glorious variety.
6. **Benisangai.** A most rare and magnificent sort. Full, tall double bloom of dazzling crimson, outer and centre petals interspersed with white narrow petals forming three layers. Must be seen to get an idea of the showy beauty of this flower.

Each strong clump on this list, **60 cts.**; the six (one of each) **$3.25.** When delivery is desired add **10 cts.** to each clump.

TIGRIDA. SHELLFLOWER

	Each	Three	Doz.
Brilliant colors, mixed	$0.06	$0.15	$0.50

Tritoma Pfitzeri—Red Hot Poker

Trillium (Wood Lily-Wake Robin)

TRILLIUM (WAKE ROBIN) WOODLILY

Spring's harbinger in wood and glen. Earliest flowering plants. Large handsome green foliage, which continues for a long time. Plant early in spring. Height 1 foot to 15 inches.

	Each	Doz.	100
T. Erectum. Large purple flowers	$0.12	$1.25	$ 8.00
T. Snow Queen. Beautiful white flowers	.15	1.50	10.00

All Trilliums flower early in May. Are especially adapted to woodlands, wild gardens, or amongst shrubbery.

TRITOMAS (RED HOT POKER) FLAME-FLOWER—TORCH LILY

Pfitzeri. Everblooming Tritoma. The **best** and freest flowering of all. Orange-scarlet, shading to salmon rose at the edge. Other varieties are often sent out under this name, we have the **true** Pfitzeri which is by far the **showiest** of all Tritomas. Plants should be well protected in winter. Height 2 to 3 feet. Blooms August through September, and as long as weather remains warm.

T. Tricolor. A superb variety with three distinct colors. Red, yellow, and greenish white. 2½ feet. August to September.

T. Uvaria Grandiflora. Flowers rich ocher red, and yellow fading salmon. Per doz., **20 cts.**

TUBEROSE—THE PEARL

The one flower the rich man must have and the poor cannot do without. We all love its massive spikes, thick, waxen blooms of rich, creamy whiteness, and its deep, delicious fragrance. Plant about the middle of May. Give them rich soil, in full sun, and keep free from weeds, and they will bloom freely.

Excelsior Pearl. First introduced years ago. It is the finest bloomer of all Tuberoses; habit dwarf, flower stalks short, spikes and blossoms enormous in size and very double and fragrant. The finest for pots as well as for the garden. Large select bulbs, each **6 cts.; 3 for 15 cts.; doz., 50 cts.**

Tall Double. The old popular variety. Splendid for the open ground. **Each 5 cts.; 5 for 20 cts.; doz., 40 cts.**

WATSONIA—BUGLE LILY

This is one of the finest bulbs from the Cape. The flowers appear on gladiolus-like spikes, and vary in all colorings. Can be planted outdoors where they bloom June to July. Treat same as Gladiolus. Finest colors mixed, **each 10 cts.; doz., $1.00; 100, $7.50.**

New White Watsonia. (Watsonia Ardensei Alba). The bulbs, something like those of Gladiolus, send up branching stems, 3 to 4 feet high, each stem bearing a dozen or more flowers 2½ to 3 inches long by 2 inches across. Its pure snow-white color and great substance render it exceptionally beautiful as a cut flower. Plant in spring in the garden, like Gladioli. A strong plant will bear as many as 250 to 300 flowers in a summer. Strong bulbs, **each 25 cts.; doz., $2.50.**

ZEPHYRANTES

The Zephyr Flowers, or Fairy Lilies, are gems of rare beauty, and when planted either in pots or the open ground they produce very beautiful lily-like flowers nearly all summer. When once grown they are always grown, for they are one of the prettiest and easiest grown flowers it is possible to have. For pot culture plant three or four in 5- or 6-inch pot and they will bloom beautifully. For the garden, plant in spring and lift in the fall, like Gladiolus.

Rosea. Beautiful clear rose; large and handsome. **Each 10 cts.; 3 for 20 cts.**

Atamasco. Large pure white. **Each 5 cts.; 5 for 20 cts.**

Sulphurea. Beautiful clear yellow. Large bulbs, **each 10 cts.; doz., $1.00.**

The three sorts, one of each **25 cts.; doz., $2.50.**

TANGO FLOWER OR "FRAGRANCE OF THE SOUTH"

This exquisite flower is found on the high table lands or Mesas of Central Mexico and Peru. Its pure and chaste sweetness, delightful and subtle fragrance, are indescribable. The señoritas twine these starry blossoms in their dusky tresses, and adorn their corsage with them for the dance. The bulbs can be planted as soon as danger of frost is over, and will bloom in four to six weeks. The smallest bulb will bloom. Each bulb as it grows in the ground will form bulblets, each of which sends up a flower stalk, thus keeping up one mass of bloom from early summer till frost cuts them down. The flowers appear from ten to twenty to each stalk, are snowy white, star-like, petals thick, like wax, filling with the fragrance they exhale their surroundings. If cut when the first flowers open and placed in water they will continue to bloom for ten days to two weeks. The stems are tall and stiff, withstanding high winds and all sorts of weather, but must be lifted when frost sets in and stored the same as Gladioli, Dahlias or Amaryllis

	Each	Three	Doz.	100
Fine-flowering Bulbs	$0.10	$0.25	$1.00	$6.00
Extra Large Bulbs	.12	.35	1.10	8.00

THE PERENNIAL GARDEN

A "**Perennial Garden**" is truly a **joy** forever. Season after season the flowers renew themselves, many self-seeding varieties having a younger generation growing up around them. With a modicum of care the perennial garden gives you every year an abundance of flowers, not only for spots of beauty in your grounds, but a wealth of bloom for cutting and house decoration. From May until frosts this garden blossoms in all the colors of a painters' brush.

We give a list of all plants we furnish. Please look for **descriptions** of these in section on "**Perennial Flowerseeds**", page 45. Where **only** plants are furnished description is given.

ACONITUM (Monkshood).
ALYSSUM SAXATILE COMPACTA (Gold Dust).
ACHILLEA (The Pearl).
ACANTHUS LATIFOLIUS.
ANEMONES (Windflowers).
Snow King. Large cup-shaped white flowers 3 feet.
Queen Charlotte. Large semi-double rose pink flowers, 2 feet.
Whirlwind. Semi-double silverwhite, 2 to 3 feet.
Nemorosa (Wood Anemone). Height 6 to 8 inches. Charming for woodsy places, lives where anything else fails. Delightful for woodland gardens, shady spots. Flowers white to blush.
ANTHEMIS TINCTORIA. Height 1 foot. Yellow daisy-like flowers. July to August.
AQUILEGIAS in sorts.
ASTERS (Michaelmas Daisies).
ARABIS ALPINA.
ARMERIA MARITIMA (Seathrift). Excellent at seaside gardens.
ASCLEPIA TUBEROSA.
ASTERS HARDY.
Novæ Anglica. Stout hairy stems 4 to 6 feet high covered with immense heads of violet purple flowers. Late **fall.**
BAPTISIA AUSTRALIS.
BELLIS PERENNIS (English Daisies).
BOLTONIA ASTEROIDES.
BOCCONIA JAPONICA.
CAMPANULAS in sorts.
CENTAUREA RUTHENICA. A magnificent hardy plant. Fernlike foliage; flowers beautiful sulphur yellow. 4 to 5 feet.
SHASTA DAISIES.
POMPON HARDY CHRYSANTHEMUMS in any color.
BUTTON VARIETIES OF HARDY CHRYSANTHEMUMS in separate colors or mixed.
COREOPSIS LANCEOLATA.
DELPHINIUMS in various sorts.
Formosum.
Chinense.
Belladonna
English Hybrids of magnificent colors and size.
DIGITALIS (Foxglove) in all sorts.
FUNKIAS (Plantains or Day Lily).
These are excellent, ornamental plants, both as to flower and foliage. Invaluable for beds, for borders, edging, and for rockwork. **Very hardy** and multiply rapidly. Flower July and August. Height 1 foot.
Funkia Ovata. Charming pale blue flowers.
Variegata. This sort has crinkled bright green foliage with white variegations. Flowers purplish lilac. Very fine.
Thomas Hogg. The green leaves are prettily margined white.
GAILLARDIA (Blanket flower).
GEUMS.
GYPSOPHYLLA PANICULATA.
HELIANTHUS (Perennial Sunflower).
Maximilianus. Tall, 6 to 8 feet. Late blooming.
Mollis Grandiflorus. Thick velvety foliage of silvery hue. Large yellow flowers, 5 feet. August to September.
Orygalis (Graceful Sunflower). The stems are clothed with very long willowy foliage, drooping gracefully, the flowers are lemon yellow, with a dark centre. A most beautiful perennial. Height 8 to 10 feet.
HEMEROCALLIS (Yellow Day Lily). Very showy lily like flowers.
Fulva. 3 feet. July to August. Clear yellow, fragrant.
Kwanso. Handsome orange double flowers.
Mittendorfi. Deep golden flowers, very large.
All Hemerocallis are 2 to 3 feet high blooming in midsummer.
HESPERUS MATRONALIS.
HEUCHERA (Alum Root).
HIBISCUS (Swamp Mallow).
HOLLYHOCKS all sorts.
IBERIS SEMPERVIRENS (Hardy Candytuft).
LAVANDULA (Sweet Lavender).
LOBELIA CARDINALIS.
LUPINUS in sorts.
LYCHNIS CHALCEDONIA.
MALVA MOSCHATA.
MYOSOTIS ALPESTRIS (Forget-me-not).
POPPIES. Nudicaule and Orientale in finest varieties.
PENTSTEMON (Adder's Tongue).
Barbatus Torreyi. 4 feet. Brilliant scarlet flowers.
Lævigatus (Pentstemon Digitalis). White flowers. Fine.
PHLOX DECUSSATA (Hardy Phlox). These we can furnish in any desired color. The plants have divers names but **to color** is equally desirable. White, White with red eye, Scarlet, deep Rose, Lilac, Lilac with red eye. Crimson, Yellow, Salmon, or mixed colors.
Subulata (Moss Pink). 3 to 6 inches.
PYRETHRUMS. Rose, red, or purple.
ROMNEYA COULTERI. Strong plants, **each 60 cts.; doz., $6.00.**
RUDBECKIA (Cone flower).
SALVIA PATENS.

Note. We wish to mention especially, that the plants we deliver will all be of **good flowering** size, not mere rootlets which often perish with the first advent of warm weather or if kept alive, will **not flower** the first year.
We advocate planting **not** later than June, unless the season is **very** backward, in which case June planting is permissible. In **early** or **average** seasons April to middle or end of May is the proper time for planting Perennials.

SEDUM (Stonecrop).
Acre (Golden Moss). 2 to 3 inches. Bright yellow flowers.
Album. Foliage green, flowers white. 2 to 3 inches.
Pallidum roseum. 1 foot. Pretty rosy flowers.
Spectabile (Stonecrop). Large rosy flowers. One of the best for foliage and flower effect. Height 1½ feet.
Spectabile var. **atropurpureum.** Same as preceding but large purple flowers.
SEMPERVIVUM (Houseleek). Much used for edging and carpet bedding. Exceedingly varied in form and flowers, containing most interesting variations. 5 to 10 inches. We can furnish ten sorts. Or mixed.
STATICE (Sea Lavender). See section Winter Dry Flowers. Page 58.
LATIFOLIA.
STOKESIA CYANEA.
THALICTRUM. (Meadowrue).
VERONICA LONGIFOLIA.
Repens. Trailing variety. One of the **best** substitutes for **grass** under coniferous trees. Will grow in deepest shade. Height 2 to 4 inches. Glossy green foliage covered with blue flowers in May.
Spicata. Height 18 inches in white, blue, or rose flowering sorts.
VIOLA ODORATA (Sweet Violet).
Cornuta.

Note. The uniform price, except where especially noted for any of the **perennial** plants mentioned in this list is **20 cts. each. Strong** specimen or **$2.00 per doz.**

Yucca Filamentosa

Among hardy plants there is nothing more effective and striking for isolated positions on the lawn or on dry banks where few other plants thrive. It is also indispensable for the rockery. Its broad, sword-like evergreen foliage, and immense branching spikes of drooping, fragrant creamy white flowers, rising to a height of 6 feet, render it a bold and handsome subject wherever placed. Should be planted in spring. The plant is hardy and vigorous, and will grow where many plants do not flourish. Will thrive in any soil but prefers sandy loam to all others.
Strong plants, **25 cts.; doz., $2.50.** Extra large clumps, **50 cts.; doz., $5.00**

HARDY VINES AND CLIMBERS

These do much toward beautifying our homes, in covering banks and bare spots, and giving beautiful shade and fragrance to the pergola and veranda. There is a charming diversity of habit and variety, so that kinds may be selected to harmonize with every surrounding. By careful selection, a succession of bloom may be had.

Some vines are best suited for shade, while others are distinctly of value for the embellishment they give to the house, porch or veranda, by reason of the large, beautiful flowers they bear. Among these might be specially mentioned the various large-flowering Clematis and the different forms of Wistaria. Most of them require some support, but the Ampelopsis, Hedera, etc., climb by aerial rootlets and will cling to brick, stone or rough wood surfaces. These are very useful for softening the rough corners of the house, and are of decided benefit to a wall inclined to be damp.

The vines should be firmly planted in a deep, rich soil, afterward watering thoroughly. An occasional topdressing of decayed manure will assist them in making strong growth.

ACTINIDIA ARGUTA. Japanese climbing plant, of very vigorous growth. Glossy green foliage, white flowers with purple centres, followed by clusters of very agreeably tasting subacid fruits which can be eaten raw, pickled, or made into jelly. Large plants, **50 cts. each; $5.00 per doz. Pot-grown plants, 75 cts. each; $7.50 per doz.**

AKEBIA QUINATA. A wonderful rapid climber, bearing numerous clusters of violet brownish flowers, emitting a delicious fragrance. Does best in sunny places. Gives very dense shade. **Strong Plants, 35 cts. each; $3.50 per doz. Strong pot-grown plants, 75 cts. to $1.00.**

AMPELOPSIS QUINQUEFOLIA (Virginia Creeper). Very large deep green foliage changing to brilliant scarlet in fall. Clings firmly to walls, etc. A great favorite. **25 cts. each; $2.50 per doz.**

A. VEITCHI (Boston Ivy). One of the very best vines for covering walls, tree stumps or any surface to which it clings by means of aerial rootlets. Bears clusters of dark blue berries and in autumn the foliage assumes the most gorgeous russet tints. Perfectly hardy and rapid grower.

	Each	Doz.
2 year old	$0.15	$ 1.50
3 year old	.25	2.50
4 year old. Very strong	.30	3.00

ARISTOLOCHIA (Dutchman's Pipe). A most excellent vine giving the densest shade. Large heartshaped foliage, and pipe shaped brownish flowers. The whole vine has a very fine tropical aspect. **Strong plants, 50 cts.; $5.00 per doz.** Pot-grown plants, 5 to 6 feet long, **each 75 cts.; doz., $7.50.**

APIOS TUBEROSA (Tuberous-Rooted Wistaria). A valuable hardy tuberous rooted climber closely resembling the common Wistaria in vine and foliage and having clusters of rich, deep purple flowers, which have a strong, delicious violet fragrance. Plant the bulbs near a trellis, tree, fence, or any place where you may wish a climber. They grow to a great height, and bloom profusely. The bulbs are perfectly hardy, and should not be taken up over winter. It is sure to give great satisfaction. If possible, plant two or three bulbs near together, to produce a greater mass of vines and flowers. **Each 10 cts.; 3 for 25 cts.; 7 for 50 cts.**

BIGNONIA (Trumpet Flower). A strong growing vine attaining 50 feet and more in one season. Beautiful showy orange red flowers with yellow throat. Each strong plant, **50 cts.; doz., $5.00.**

CELASTRUS (Bittersweet).

Scandens (False Bittersweet).

A rampant climbing shrub, having luxuriant green foliage and in autumn covered with bright yellow fruits, which soon open and disclose the scarlet seeds within. This and the native variety C. Scandens are valuable for covering banks or rocky ground. **Each 40 cts.; doz., $4.00.**

Clematis Jackmanni

CLEMATIS, LARGE FLOWERING HYBRIDS

Clematis love a moist, loamy soil and sunshine, otherwise they can be said to grow almost without any care, coming up every spring once established.

Duchesse of Edinburg. **Double** white, fragrant.
Enchantress. Double white, shaded rose.
Gem. Deep lavender blue.
Henryii. Large single, creamy white, extra fine form.
Jackmanni. One of the **best.** Very large, velvety purple flowers.
Lady Carolina Neville. White with purple stripes (**new**, very choice).
Madame Baronne Vieillard. The finest satiny pink.
Madame Van Houtte. White, faintly flushed blue.
Standishi. Deep lavender.
Ville de Lyon. Dark Carmine.

Any strong plant on this list of Clematis, **50 cts.; $5.00 per doz.** The plants are **pot-grown**, assuring immediate continuance of growth and **early** flowering.

SMALL FLOWERING CLEMATIS

Clematis Coccinea (Red Pitcher flower). Flowers in wonderful profusion from June till frost. Flowers are bell or pitcher shaped, a brilliant coral red. Broad glaucous leaves. The whole vine is charming and ornamental. **Each 30 cts.; doz., $3.00.**

Clematis Paniculata (Japanese Virgin's Bower).

The most useful and beautiful of hardy vines; a luxuriant grower, profuse bloomer and possessing fine foliage. Fine for covering verandas and pillars where a support can be provided. The white flowers are very pretty, fragrant, and resemble snow-flakes in late summer. Strong, field-grown plants, **25 cts. each; $2.50 per doz.; $15 per 100;** pot-grown plants, **35 cts. each; $3.50 per doz.;** strong plants, **50 cts. each; $5.00 per doz.**

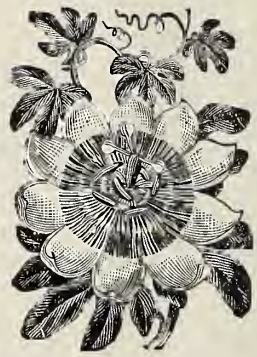
VITALBA (Traveler's Joy). The most vigorous climber of the genus, ascending 20 to 30 feet. Flowers fragrant, with a faint odor of almonds; white. Blooms July to September. Very ornamental, feathery fruit. **25 cts. each; $2.50 per doz.**

CINNAMON VINE. Tall climber, 10 to 30 feet, bearing small clusters of cinnamon scented white flowers and small tubers in the axils of the leaves. The tuberous roots are edible. **Each 5 cts.; 50 cts., per doz.**

EUONYMUS RADICANS. Very hardy, dense-growing, trailing vine; dull green leaves, with whitish veins; grows rapidly; useful for covering old walls, etc., as it is self-clinging. **25 cts. each; $2.50 per doz.; $15 per 100;** pot-grown plants, **35 cts. each; $3.50 per doz.**

HEDERA HELIX (English Ivy). This is the popular, small-leaved variety, and has proved perfectly hardy. Is now very extensively used in this country for covering brick and stone walls and dwellings. **25 cts. each; $2.50 per doz.; $18 per 100;** one-year old plants, in 3¼-inch pots, **$10 per 100;** pot-grown 6- to 7-foot specimens, with many stems, **$2.00 each; $20 per doz.**

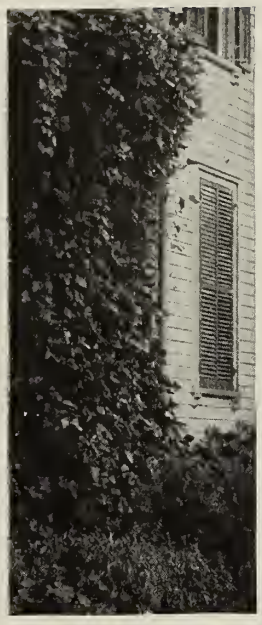
JASMINUM OFFICINALE (White Jasmine). A graceful, slender grower, with lustrous compound leaves and delicate, fragrant, white flowers. **35 cts. each; $3.50 per doz.;** pot-grown plants, **50 cts. each; $5.00 per doz.**



Passiflora Coerulea — Passion Vine

IPOMOEA PANDURATA (Hardy Tuberous-Rooted Moonflower). This will stand a year's drought without a murmur. An immense subterranean root, weighing sometimes a hundred pounds, sustains the vines through any vicissitude of weather until frosts kill the vine to the ground. Each year it springs up stronger than before, until it becomes a large, luxuriant vine, bearing great quantities of large, thick-textured waxy flowers of a rich creamy-white, with a throat of violet-purple. It will grow in any soil no matter how poor, and its blossoms remain open all day. Unlike other Ipomeas it is perfectly hardy in any climate, and a vine which will cover an enormous amount of space. **Each 35 cts.; 3 for $1.00;** delivery included.

PASSIFLORA COERULEA. Rapid growing vine. Fragrant flowers, singular and beautiful. Leaves are five lobed. **Each 35 cts.; doz., $3.50.**



Kudzu Vine

KUDZU VINE (Jack and the Bean Stalk). (Pueraria Thunbergiana, or Dolichos Japonica). This is the most remarkable rapid-growing perennial vine in existence, and is unparalleled for ornament and shade. If planted in reasonably rich soil will produce a multitude of graceful, hairy twining stems 40 to 50 feet long in a season. Exceedingly valuable for covering loggias, arbors, verandas and pillars, or for any other position where a quick shade or ground cover is desired. The leaves are similar to those of the Lima Bean, and are dark green in color and of a soft wooly texture, and produced in great profusion. The beautiful pea-shaped flowers are borne in racemes 4 to 6 inches long, and are suggestive of miniature racemes of Wistaria. Fine, healthy plants. **Each 50 cts.; doz., $5.00.** Extra large 3-year-old, **50 cts. each; 3 for $1.25,** delivered. Good plants, **each 25 cts.; 5 for $1.00,** delivered.

Japan Vine—Vitis Coignetia

WISTARIA CHINENSIS (Chinese Wistaria). A very strong grower, it climbs high and twines tightly; has pale green foliage; blooms very profusely early in summer; flowers sky-blue, in long, pendulous clusters. **35 cts. each; $3.50 per doz.;** pot-grown, **50 cts. each; $5.00 per doz.;** strong plants, **$1.00 to $2.50 each;** specimens, **$4.00 to $5.00. each.**

Multijuga (Japanese Loose-clustered Wistaria). A rare species, with purplish or lilac-colored flowers, borne in immense clusters, sometimes 2 feet in length. The individual flowers and leaflets are larger than in Chinensis. Very fine and conspicuous, growing rapidly and blooming profusely. **$1.00 each; $10 per doz.;** specimens in tubs, **$2.50 to $7.50 each.**

VITIS COIGNETIA (Crimson Glory Vine). Beautiful and rare. It is a strong and free grower, bearing large, heart-shaped leaves, 10 inches long, deep, rich green above and soft buff-yellow beneath, assuming brilliant autumnal tints. Fruits black. Extra-strong plants, **$1.00 each; $10 per doz.**

Primulinum (New Hardy Yellow Jasmine). Flowers like Nudiflorum, but larger and semi-double, measuring 1½ to 2 inches across, early in spring and covering the whole length of the arching branches. **50 cts. each; $5.00 per doz.;** pot-grown plants, **75 cts. each; $7.50 per doz.**

ROSES

The rose is probably the most popular flower of to-day, and, with this fact in view, we have continually widened and enlarged our collection in variety and number until at present we can supply all needs. The vigorous growth and hardiness of our Roses are accounted for by the ideal conditions at the Nurseries, and the fact that all are strictly home-grown; they must not be confused with imported stock, which, after long storage and transit, necessarily arrives in a more or less weakened condition, hence are in all ways less qualified to contend with our American climate and soil.

If the Roses cannot be planted immediately upon receipt, the roots should be kept moist and protected from drying winds. The soil should be well trenched and broken to a depth of about 18 inches, adding well-rotted manure, and then allowed to settle for a couple of days before planting.

The stems should be cut back to three or four eyes; this equalizes the root- and branch-systems and lays the foundation for a good, bushy plant. Dip the roots into a bucket of water and spread them out naturally—the bush should be set deep enough for the ground to cover a portion of the branches. First sprinkle fine soil over the roots, and then fill in, packing firmly by treading.

All our Roses are strong, field-grown and low-budded. For summer planting, we have a fine lot of pot-grown plants.

Please state if you will allow us to substitute varieties equally good should those needed be sold out.

HYBRID PERPETUAL ROSES

These are perfectly hardy and vigorous producing a large crop of immense blooms during the month of **June** which has given them the name of "**June Roses.**" They are delightful for cutting. We list only a few of the **most** popular, but if desired we can procure at same price **any** known sort of the popular varieties.

Alfred Colomb. Bright red.

American Beauty. Rich rosy crimson, beautifully shaded.

Baroness de Rothschild. Beautiful pale rose. Superb form.

Frau Karl Drushki. The best white.

John Hopper. Bright rose, very large and double.

Mabel Morrison. Pure white, sometimes with pink edge.

Madame Gabriel Luizet. Light silvery pink. **Best** early.

Madame Plantier. Pure white flowers produced in great profusion.

Margaret Dickson. White with pale flesh centre. Very large shell-shaped petals.

Mrs. John Laing. Soft rose pink. Abundant bloomer. **Specially** fine.

Paul Neyron. Deep rose, largest of all roses. Fine foliage.

Prince Camille de Rohan. Deep velvety crimson.

General Jaqueminot. Brilliant crimson scarlet. Superb flowers, very fragrant.

Ulrich Brunner. Rich crimson, large flower.

Tom Wood. Cherry red, large perfect wood.

Each strong plant, **35 cts; doz., $3.50;** 100 in ten sorts, buyer's choice, **$25.** (The ten sorts must be ten each of the **same** sort).

HYBRID TEA ROSES

These form the largest class in Roses, and are the result of crossing the strong Hybrid Perpetuals with the beautiful Teas. As may be imagined, the color, delicious fragrance and constant blooming of the latter, added to the vigorous growth of the Hybrid Perpetuals, give most wonderful results. They are next in hardiness to the Hybrid Perpetuals and require the same pruning, etc.

Antoine Rivoire. Rosy flesh on yellow ground, shaded carmine.

Dean Hole. Silvery carmine, shaded salmon, beautiful.

Etoile de France. Velvety crimson, centre vivid cerise red. Long erect stems.

Gloire Lyonnaise. White, shaded pale yellow in centre.

La France. Bright pink, double of excellent form.

White La France. Flowers extra large, deliciously fragrant. Pure white with the faintest blush. Excellent for cutting.

Mme. Caroline Testout. Bright satiny rose with deeper rose centre. Very free flowering.

My Maryland. Robust growth, very free flowering, large bloom. Bright salmon pink with paler edges. Magnificent.

Sunburst. New, very select, with long spiral buds of a beautiful bronzy yellow, fading to apricot. **Each, 75 cts.; doz., $7.50.**

Viscountess of Folkestone. Creamy pink, centre a deep salmon, petals of great substance.

Each on this list, **35 cts.; doz., $3.50.**

TEA SCENTED ROSES

From this class originated most of the beautiful varieties now in the gardens. They are characterized by the refined fragrance, graceful form of bud, beautiful, soft blendings of color, and perpetual bloom. The lustrous foliage is proof against many rose pests, and greatly adds to their beauty.

Etoile de Lyon. Bright sulphur yellow, buds very large and full. Constant bloomer.

Gloire de Dijon. Salmon yellow, deliciously fragrant. A splendid rose.

Maman Cochet. Carmine mingled with salmon yellow, large full buds of ideal form, flowering profusely.

Marie Guillot. A beautiful soft white, with recurved petals.

Mme. Hoste. Light canary yellow deepening in centre to pure gold.

Perle des Jardins. Deep straw yellow, large and very double.

Sunset. Deep apricot, fine in bud and open flowers.

White Maman Cochet. Sport from original Maman Cochet. White, highly fragrant. Very suitable for outdoors.

Yellow Maman Cochet. Yellow apricot centre, similar to parent in everything except color.

Konigin Wilhelmina. Rosy pink. Very large, fine flowers.

Mme. Leon Constantin. Satiny rose with beautifully shaped buds. Each on this list of Tea scented Roses, **50 cts.; doz., $5.00.**

CLIMBING ROSES

This class is easily distinguished by its peculiar habits. The plants may be grown either on trellises or pergolas, or used in covering banks. The Roses in this class mostly flower in clusters.

Climbing American Beauty. A new Climber of wonderful beauty. The early, fragrant flowers are of a deep rosy carmine, shaded toward the centre with rich carmine-crimson. Vigorous grower, thorny; will grow in almost any situation. Strong plants, **75 cts. each; $7.50 per doz.**

American Pillar (Polyantha rose). Flowers borne in large clusters. Rosy pink with a clear white eye.

Crimson Rambler (Hybrid Multiflora). Crimson; it is so well known that it needs no description. Fine, strong plants, 3 feet. **25 cts. each; $2.50 per doz.;** 4 feet, **35 cts. each; $3.50 per doz.;** 5 feet, **50 cts. each; $5.00 per doz.**

Dorothy Perkins (Hybrid Wichuraiana). Soft light pink; flowers profusely in large clusters; very lasting.

Lady Gay (Hybrid Wichuraiana). Cherry-pink color fading to soft white; very floriferous; a useful variety.

Marechal Niel (Tea). Flowers large, golden yellow, very sweetly scented; produced in great profusion; an excellent greenhouse variety. Strong pot-grown plants. **$2.50 each.**

Tausendschon (Multiflora). Opening flowers pink, rosy carmine when expanded; clusters very large, with flowers as large as Clothilde Soupert; very vigorous and practically devoid of thorns; a great acquisition. Large, two-year-old plants, on own roots.

Veilchenblau (Polyantha). A seedling of Crimson Rambler. Flowers semi-double, of medium size, produced in large clusters; color reddish lilac when opening, changing to steel-blue.

White Dorothy Perkins (Hybrid Wichuraiana). Pure white sport from Dorothy Perkins, having all the fine qualities of that charming variety. The flowers are borne in fine clusters.

White Memorial (Wichuraiana). Pure white flowers in pyramidal clusters, and beautiful foliage. A splendid Rose for growing in the cemetery allowing it to spread over the ground, or it may be trained to bush-form. **Each 35 cts.; doz., $3.50.**

STANDARD OR TREE ROSES

These Tree Roses are strictly home-grown and, to the person who knows, this means a great deal. In explanation, we wish to say that the imported stock has been impoverished by long storage and transit and, on arrival here, the roots, in many cases, are not strong enough to supply sufficient nourishment to the head, which eventually dries off.

In a Rose-garden, Tree Roses are necessary for relieving the flatness, and when planted in shrubbery they make a fine display. The stake should be about the same thickness as the stem of the Rose, and should be placed on the south side, to afford some protection from the sun.

Our stock is budded on **Rosa rugosa** stems, this being perfectly hardy. We recommend our pot-grown plants, which will be ready for delivery the latter part of April. Pot-grown stock will give better results.

Pot-grown plants, $1.25 to $2 each, $12 to $20 per doz., dormant plants, 75 cts. to $1.50 each; $7.50 to $15 per doz.

We can furnish the following sorts and many others not on this list:

American Beauty	**White La France**	**Captain Christy**
Clio	**Crimson Rambler**	**Etoile de France**
Etoile de Lyon	**Frau Karl Drushki**	**Gloire de Dijon**
Killarney	**La France**	**Mme. C. Testout**
Mrs. John Laing	**Paul Neyron**	**Tausendschoen**

FERTILIZERS

We do not prepay on Fertilizers

Bone Meal. A finely pulverized form of ground bone specially prepared for flower culture, top-dressing of lawns, and for potted house plants, etc. **Lb. 10 cts.; 10 lbs., 50 cts.; 100 lbs., $3.50.**

Bowkers' Ammoniated Food for Plants. Specially prepared for house plants; clean, free from all offensive odor and great for the splendid flowering and luxuriant growth of plants. Directions on each package. **Small size, 15 cts.; large pkt., 25 cts.**

Clay's Fertilizer (English imported). Highly recommended for the growing of flowers, fruits, vegetables. Excellent to mix with potting soil in growing seeds, or applied to flowering plants. **Per lb., 20 cts.; 5 lbs., 75 cts.; bag of 14 lbs., $1.25; 28 lbs., $2.25.**

Excelsior Plant Food. Is a complete and odorless fertilizer for house plants, lawns, vegetables, etc. Sold in powdered form and used by dissolving in water. **½ lb., pkg., making 80 pts., only 35 cts.; postpaid 1 lb., 160 pts., 60 cts., postpaid.**

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By Frances Duncan

The author of "The Garden Doctor"

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A series of short timely and very practical helps for the amateur who has a small greenhouse. The growing interest and spread of greenhouse building has been one of the marked features of American horticulture in recent years, and we are keeping apace with the times.

The Month's Reminder

designed especially for the inexperienced amateur and beginner, telling him what to do, the pitfalls to avoid, and how to make the best of his opportunities. This feature of the magazine will be enlarged and made more important than ever.

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The Vegetable Garden

treated from the home point of view. There is an essential difference between growing fruit for market and growing fruit for your own table. THE GARDEN MAGAZINE point of view is the home exclusively.

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